

# MASTERCHEM MERCHANTISING CATALOGUE



**masterchem**





# TABLE OF CONTENTS

## Introducing the Company

### LIQUIDS:

Degreasers, solvents

Descalers

Surface treatment products, release agents

Special products

### AEROSOLS:

Cleaners, degreasers

NSF products

Lubricating, greasing products

Protective, penetrating products

Special Products

### OTHER PRODUCTS:

Damage controllers/Absorbents

Hygienic products



# INTRODUCING THE COMPANY

Dear CEO!

We are fully aware of the everyday problems you are dealing with when it comes to maintenance. We also know it by experience that unexpected matters may not be tackled by the best and most economical solutions for your company. If you would like to work with a company having 15 years of experience in the industry, being trustworthy and employing specialists as well, you are reading the right introduction.

By choosing Pentasol, you can expect carefree days!

As a responsible CEO, you must consider the following definitions crucially important for the well-balanced and smooth operation of your company!

1. EFFICIENCY

3. EXPERIENCE

5. GUARANTEE

7. PREDICTABILITY

9. COOPERATION



2. FLEXIBILITY

4. RELIABILITY

6. PEACE

8. RAPIDITY

As long as you wish to work with a partner that has an effective solution to all of your problems while being cost-efficient and you can count on in the long run, we got you!

We are here to help our clients occasionally or in the form of contracts as well!

We are proud to be working with a youthful and dynamic team while constantly securing our name in the industry.

Our suppliers use a decades-old producing technology beside our very own products that are also quite innovative.

One of our advantages is that our portfolio has remained impeccable throughout the years thanks to our trusty products, effective services and the thorough the expertise of our employees.

PLEASE, BASED ON THE ABOVE MENTIONED, LET ME INTRODUCE YOU OUR PORTFOLIO:



## SERVICES:

- Ventilation apparatus (air handling, pipe systems, air coolers) cleaning, sterilization and installing
- Surface and airspace sterilization
- Cleaning, maintaining heating/cooling appliances and other water systems
- Cooling tower cleaning and complete renovating
- UHP (ultra high pressure) cleaning (2800 bar)
- Dry ice blasting
- Special cleanings (closed systems, dry steam cleaning etc.)
- Cleaning via alpine technology (access by rope)



Beside completing and strengthening the known and important sectors of the local market, we offer total cleaning services in the field of maintenance and production.

Our comprehensive methods spare our partners the organization work and the use of their own resources.

We ensure the constant cleanness of the apparatus, this way preventing any possible failures or shutdowns.

We consider a stable, permanent executive group with expert leadership to be crucial for our work. We could provide 50-60 person per team, if necessary. Employees go through constant trainings and medical check-ups.

To execute our assignments we have our own vehicle and machine collection which consists of cargo carriers, custom-developed and special cleaning devices.

# INDUSTRIAL CLEANING AND TECHNOLOGICAL LIQUIDS AND AEROSOLS



masterchem



Pentaxol Hungary has always paid special attention to quality, innovations and environment protection. Their Masterchem family of products aims to represent these values.

Our products offer a wide range of use and permanent solution to our partners' problems, and that manifests in the 15 years of experience being on the market.

As long as our partners need professional help with our products, we are here to provide that through our network of regional representatives and technological services.

The company's endless expansion is based on its success empowered by our well-qualified group of chemists, excellent laboratories and feedback from the partners.

## FAMILIES OF PRODUCTS:

- Engineering and maintaining aerosols
- Industrial liquids, concentrates
- Damage control substances
- Special maintaining substances

## GREAT ACHIEVEMENTS IN THE AREAS OF:

- rubber industry
- plastic industry
- agriculture
- pharmacy
- food industry and its manufacturing sectors
- car manufacture
- steel and light metal processing
- petrochemical factories
- chemical companies



# PRODUCTION OF COOLING TOWER INSERTS AND DRIP PANS



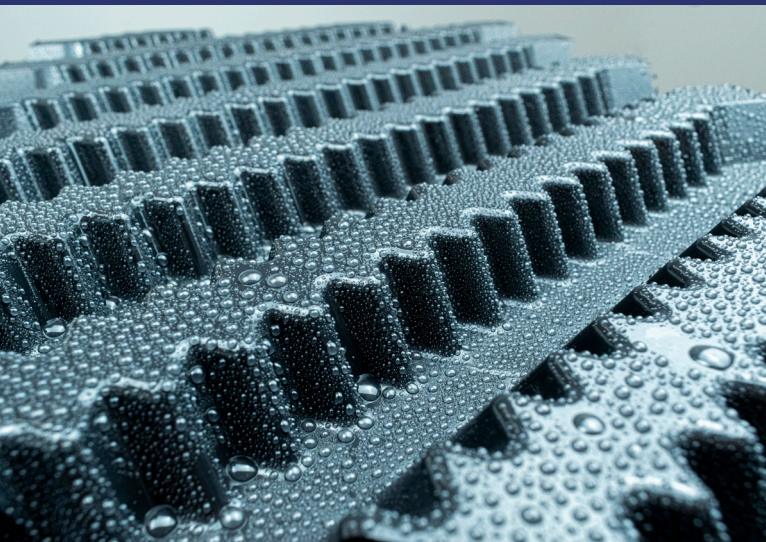
One of our main services is the maintenance of evaporative or direct adiabatic cooling towers. Our company envisioned itself not only in the market of trade and services but also in the field of production.

Beside other achievements we also wanted to stand out by saving more cooling power and energy. We were able to launch a production line which could not have been possible without our accomplished engineers.

By today we can easily and rapidly replace an insert or drip pan with our customized machines, tools, flexibility and technical consultation.

## Our Products:

- cooling tower inserts
- drip pans



IF YOU ARE INTERESTED IN ANY OF THE ABOVE MENTIONED OR HAVE QUESTIONS, DO NOT HESITATE TO CONTACT US, WE ARE GLAD TO HELP!

## THE FIRST IN LINE IN INDUSTRIAL MAINTENANCE

# Degreasers, solvents





# MASTERCHEM AF1

HIGH CONCENTRATE NON-FOAMING DEGREASER



**masterchem**

-  extremely effective
-  easy to dilute
-  reduced foaming
-  surface protectant
-  biodegradable

## DESCRIPTION

The Masterchem AF 1 is an alkaline industrial degreasing concentrate with special components, that is suitable for cleaning heavily tainted, greasy, oily, graphite-contaminated surfaces, machines, installations, industrial platforms and floorings. It effectively removes greasy and oily impurities without causing damage. Thanks to its reduced foaming feature it can be used with industrial cleaning devices, ultrasonic cleaning apparatus and to clean closed systems as well. It is just as effective with intense dilution, consequently it is very economical. Due to its corrosion-preventing ingredients it protects metal surfaces.

## MANUAL

Masterchem AF 1 shall be used in a diluted form. The dilution ratio is 1:20-1:100, depending on the level of dirt. With floor cleaning it is advisable to be used in the form of a 2-5% solution, regarding the level of dirt. In case of intense dirt, more contact time may be needed. Use a spraying technique with machines, devices and tools, apply with a brush or bathe them in it

## DILUTION

Amount of dirt	Dilution	Demonstration
extreme, oily	1:20	20 liter water, 1 liter MC AF 1
moderate	3:100	100 liter water, 3 liter MC AF 1
light, static	1:100	100 liter water, 1 liter MC AF 1

## STORING/SIZE

Masterchem AF 1 shall be stored in its original container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM ALU GRILL CLEANER

## GRILL CLEANER FOR ALUMINUM SURFACES



**masterchem**



extremely effective



easy to dilute



gentle on surfaces



suitable for aluminum  
and non-ferrous metal

### DESCRIPTION

MasterChem ALU GRILL Cleaner is perfect to use in the food industry, catering, bakery industry, confectionary and in steakhouses where burnt meat, remains of vegetable oil and dairy products have to be removed, or in machine and engine workshops and boiler rooms where lubricants, soot etc. may appear. This product is designed to clean aluminum, zinc, brass and similar surfaces covered in grease, oil, soot and other burnt materials. Does not harm shiny, polished surfaces either. Can only be used heated.

### MANUAL

The concentrate and its diluted solution form can be used both for manual and mechanic cleaning. The solution and its temperature shall be made and set based on the level of dirt and the material of the surface that needs cleaning. The solution shall be applied to the surface (bathing method, spraying, pumping) and left on it for the recommended time. Once that is done, rinse with water and remove the loosened dirt with a spout or mechanically.

### DILUTION

Amount of dirt	Dilution	Demonstration
extreme, oily	20%	10 liter water, 2 liter product
moderate	15%	10 liter water, 1,5 liter product
light, static	10%	10 liter water, 1 liter product

### STORING/SIZE

The product shall be stored in its original container between 5-50°C in a dry place, away from the sun for 12 months.

4x5 liter (ADR qualified can)  
20 liter (ADR qualified can)

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# MASTERCHEM BRITE

STERILIZER AND CLEANER COMBINED



**masterchem**

-  easy to dilute
-  rapid acting
-  leaves no stain
-  HACCP
-  removes odors

## DESCRIPTION

Masterchem Brite is the combination of a sterilizer and a cleaner with a wide range of antimicrobial spectrum and quaternary ammonium salt. It cleans, sterilizes and removes odors immediately. Kills bacteria, fungus and viruses. Eliminates grease completely and fast while leaving the surface shiny and stainless.

## MANUAL

Clean the surface beforehand then make the right consistency solution and apply it. This can be done with a high pressure cleaning device or a foam generator. Tools and other objects to be sterilized shall be done so by soaking them in the correctly diluted solution. When contact time is over, if necessary, but definitely in case of surfaces in contact with food, make sure you rinse thoroughly with water. Can only be used in a diluted form. The solution to be used shall always be made fresh before applying. To achieve the desired result, depending on the concentrates, you may expect different contact times.

## DILUTION

Recommended amount: 0,5-5%  
Desired results depending on the different concentrates can be achieved under 5-30 minutes.

## STORING/SIZE

Store it in its original container in a dark, dry and cool place but not exposed to freezing. Expiry date is 1 year.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM CANAL+

## PIPELINE AND DRAIN CLEANING LIQUID



**masterchem**



extremely effective



short contact time



reduced foaming



removes odors

### DESCRIPTION

Masterchem Canal+ is a pipeline and drain cleaning product designed to eliminate dirt in traps (kitchen sinks, bathroom sinks, tubs, toilets) and in other oily apparatus. Excellent for ending and preventing blockages and congestions and also for maintaining greasy apparatus. Compared to regular drain cleaners, this product does not leave a stiff layer or soap, makes greases and oils fluid so they are easy to remove. It is not combustible and does not create toxic vapor.

### MANUAL

The Masterchem Canal+ is most effective when heated (40–50 °C) so it must be applied with warm water. In case of complete blockage remove the stagnant water and fill the drain with warm water and Materchem Canal+ in the ratio of 1:1. Leave it for 20 minutes. Repeat the process with particularly thick blockages. With narrow congestion pour in boiling water beforehand then fill the drain with warm water and Masterchem Canal+ in the ratio of 2:1.

### DILUTION

Blockage	Ratio	Demonstration
Complete	1 : 1	1 liter water, 1 liter conc
Partial	2 : 1	2 liter water, 1 liter conc

### STORING/SIZE

Masterchem Canal+ shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM D100

SCENTED CLEANER FOR EVERYDAY USE



**masterchem**



extremely effective



easy to dilute



long-lasting effect



wonderful scent

## DESCRIPTION

Masterchem D100 is a scented, water based alkaline degreaser. This highly effective product is recommended for everyday use. Works well with water resistant surfaces, fixtures, flooring and surfaces with protectant layers. Dries without any residue, leaves pleasant smell and is 90% biodegradable. The Masterchem D100 can be used in different public institutions, industrial facilities, offices and hotels as well. Removes even the most stubborn dirt.

## MANUAL

The product needs to be used in diluted form. Depending on the level of contamination the ratio is 1:20-1:100. When floor cleaning, make it a 2-5% solution, also considering the amount of dirt. In case of stubborn dirt, longer contact time may be needed. With machines, devices and tools, apply it with a spraying technique, a brush or bathe them in the product.

## DILUTION

Usage	Dilution	Demonstration
Manual cleaning	0,5 - 1%	10 liter water, 50-100 ml product
Mechanical cleaning	1 - 3%	10 liter water, 100-150 ml product
Surface cleaning	10 - 15%	10 liter water, 1-1,5 liter product

## STORING/SIZE

Masterchem D100 shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)

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# MASTERCHEM D200

HIGHLY EFFECTIVE INDUSTRIAL DEGREASER LIQUID



masterchem



extremely effective



easy to dilute



system compatible

## DESCRIPTION

The Masterchem D200 is an industrial alkaline cleaner designed to clean and degrease industrial machines, devices and apparatus. Its ingredients deeply penetrate into the dirt, this way removing the crust created by oils and greases. HACCP system compatible. It is just as effective with intense dilution, consequently it is very economical. Great for removing stubborn contamination as well. Compatible with metal, aluminum and the majority of painted surfaces.

## MANUAL

The Masterchem D200 can be applied by dipping, with a brush or spraying technique. Dilute it beforehand considering the level of contamination in the ratio of 1:1:20. Compatible with high pressure devices and can be used with a foam generator.

## DILUTION

Amount of dirt	Dilution	Demonstration
Extreme, oily	1 : 3	3 liter water, 1 liter MC D 20
Moderate	1 : 10	10 liter water, 1 liter MC D 200
Light, static	1 : 20	20 liter water, 1 liter MC D 200

## STORING/SIZE

The Masterchem D200 concentrate shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM D400

INDUSTRIAL ALKALINE DEGREASER WITH EXTREMELY HIGH EFFICIENCY



**masterchem**



extremely effective



easy to dilute



good foaming



short contact time

## DESCRIPTION

The Masterchem D400 is a strong alkaline cleaner with modern surfactant mixture. Foams well, so it is suitable for manual cleaning and high pressure washing apparatus too. It is a highly concentrated product, consequently it is economical. Thanks to its varied composition it allows a wide range of usage, such as cleaning, degreasing industrial machines, installations and removing tar remains or prints left by trucks.

## MANUAL

The Masterchem D400 can only be used in a diluted format. Make the solution as strong as it needs to be between the ratio of 1:3-1:20. With machines, devices and tools, apply it with a spraying technique, a brush or bathe them in the product.

## DILUTION

Amount of dirt	Dilution	Demonstration
Extreme, oily	1 : 3	3 liter water, 1 liter MC D 400
Moderate	1 : 10	10 liter water, 1 liter MC D 400
Light, static	1 : 20	20 liter water, 1 liter MC D 400

## STORING/SIZE

Store it in its original container in a dark, dry and cool place but not exposed to freezing. Expiry date is 1 year.

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM EMERALD

## WINDOW CLEANER CONCENTRATE



**masterchem**



extremely effective



household compatible



dries fast

### DESCRIPTION

The Masterchem Emerald window cleaner and sterilizer eliminates greasy, oily and dusty dirt fast and effectively while also dissolves remains of insects from window shields and other glass surfaces. Due to its alcohol level it dries rapidly and can be used in -20 °C.

### MANUAL

The amount of necessary product depends completely on the level of dirt and the quality of the surface to be cleaned. Apply the non-diluted cleaner with a scrubber, sponge or a nozzle. When the recommended contact time is over, simply remove the dirt with a rubbery wiper or a non-fluffy paper towel. To achieve perfect cleanness, use our NEO BIG ROLL paper towels. The surface is guaranteed to be left shiny.

### DILUTION

Can't be diluted.

### STORING/SIZE

The Masterchem Emerald shall be stored closed, away from hot sun in, a frost-free place. Bearing in mind the regular instruction on chemicals, the product shall be stored closed, separated from food and away from children. Put it in a well-ventilated place with the lid closed tight.

5 liter (ADR qualified can)

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# MASTERCHEM GERMICIDE B

HIGH EFFICIENCY INDUSTRIAL DEGREASER



**masterchem**

-  extremely effective
-  easy to dilute
-  reduced foaming
-  system compatible
-  short contact time

## DESCRIPTION

The Masterchem Germicide B is the alkaline combination of a sterilizer and cleaner suitable for dealing with devices, milking equipment in the dairy, beer and wine industry and also dissolving soot (tanks, lines, heaters, separators and bottler apparatus etc.). The product effectively and rapidly removes dirt and crust. Since it is a strong concentrate, it is fairly economical and is able to eliminate hard water.

## MANUAL

The Masterchem Germicide B must be used in a diluted format! First, rinse the empty system with clean water, then fill it with the right temperature and percentage solution. Leave the warm, 40-80 °C solution in for 10-20 minutes, then drain it off. Compatible with manual and automatic cleaning devices (CIP system). Use a protective equipment in all circumstances! (rubber boots, rubber gloves, gas mask, acid-resistant plastic apron, acid-resistant suit)

## DILUTION

Its consistency depends on the field of use, the allowed ratio is 0,5-2%. Make it 0,5-1% in case of milking equipment, milk cooling tanks, dairy and beverage industry installations.

## STORING/SIZE

The Masterchem Germicide B shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM GLASS CLEANER

## CLEANING CONCENTRATE FOR GLASS SURFACES



**masterchem**



extremely effective



biodegradable



dries fast



wonderful scent

### DESCRIPTION

The Masterchem Glass cleaner is a window cleaner product that dries without leaving a mark and has anti-static effect. Perfect for glass, window, tile and windshield cleaning. Due to its surfactant ingredients, it is 90% biodegradable. Leaves a fresh, pleasant smell. Fast and effective at removing crust, grease and dust. Dries fast due to its alcohol strength.

### MANUAL

Suitable for every glass surface including acrylic glass as well: windows, doors, display cases, mirrors, tiles etc. Spray it on the surface then once contact time is over, remove the dirt with a rubbery wiper or a non-fluffy paper towel. To achieve perfect cleanness, use our NEO BIG ROLL paper towels. The surface will be stainless.

### DILUTION

If the amount of dirt requires, the product can be diluted in a 1:2 ratio.

### STORING/SIZE

The Masterchem Glass Cleaner shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)

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# MASTERCHEM HYDROCLEAN

FOAMABLE DEGREASER CONCENTRATE



masterchem



extremely effective



easy to dilute



good foaming

## DESCRIPTION

The Masterchem Hydroclean is an industrial alkaline cleaner designed to clean and degrease industrial machines, devices and apparatus. Its components effectively attack the crust and dirt caused by grease and oil. Considering the dirt, the cleaning method and the surface, the product can be diluted with water.

## MANUAL

The product is suitable for cleaning stainless steel, steel, alkali-resistant plastic, ceramic and glass surfaces. However, compatibility must be examined in certain cases. Can be applied with a brush, a nozzle and by dipping. In case of vertical surfaces, you can use a foam generator. Regarding the amount of dirt, rinse the product thoroughly with clean water after 5–20 minutes of soaking.

## DILUTION

Amount of dirt	Dilution	Demonstration
Extreme, oily	1 : 3	3 liter water, 1 liter conc.
Moderate	1 : 10	10 liter water, 1 liter conc.
Light, static	1 : 50	50 liter water, 1 liter conc.

## STORING/SIZE

The Masterchem Hydroclean concentrate shall be stored in its original, closed container between 5 and 50 C°. Do not leave it in the sun or in a frost-risk place.

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM PURE FLUSCH

## HYDRAULIC SYSTEM SURFACE CLEANER LIQUID



masterchem



extremely effective



makes perfect compound



compatible with aluminum  
and non-ferrous metal

### DESCRIPTION

The Masterchem Pure Flusch hydraulic system surface cleaner is a transparent liquid that has a characteristic smell and can't be solved in water. It is a synthetic oil based (alkylbenzene) product with high cleaning and dissolving effect. Perfect to use before draining a hydraulic system. Solves easily in the majority of mineral based hydraulic liquids. The product can be used to prevent dirt in such hydraulic and lubricant systems that have high tendency to have crust. If the product is constantly 1% present in the circulating lubricant, the cleanness of the system is secured.

### MANUAL

The MasterChem Pure Flusch is activated when added to the liquid in the system. If possible, add the product to hydraulic, lubricant or cutting oil in a 5% ratio (higher ratio if the dirt requires) in the highest temperature possible (between 50 and 60 °C) before mixing it with the lubricant circulating in the system, all that at least 4 or maximum 48 hours before oil change. Prior to adding the fresh oil, the system needs to be drained and the filter shall be exchanged. The product can be used to prevent dirt in such hydraulic and lubricant systems that have high tendency to have crust.

### DILUTION

Can't be diluted!  
Optimal portion: 1-5%

### STORING/SIZE

The Masterchem Pure Flusch shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM SOLVENT PLUS

DEGREASER CLEANER FOR METAL SURFACES/EVAPORATING OIL



**masterchem**



extremely effective



slow evaporation



compatible with aluminum



creates thin film

## DESCRIPTION

The Masterchem Solvent Plus is an effective cleaner for all the metal, plastic, aluminum and steel components that will be further processed or packed. It is very impressive against oils, tar and charring. Can be applied to devices in complete form or when they are not installed. It penetrates into the hairline fractures and creates a particularly thin layer that prevents moisture, corrosion and fingerprints. The product was designed to evaporate slowly, to avoid moisture and steam on the surfaces and to be efficient enough with stubborn dirt. Due to its anticorrosion component it prevents corrosion. It does not harm insulators, sealants, paint and varnish either. Exterminates greases, glues, oils, sludge and tar.

## MANUAL

Apply Masterchem Solvent plus with a brush, compressed air, a nozzle or by dipping, but without diluting it. Repeat the process in case of stubborn dirt or brunt oil. If necessary, use a brush or a cloth to clean with. With painted or coated parts, examine the compatibility beforehand. Store it in a well-ventilated place only.

## DILUTION

Use without diluting.

## STORING/SIZE

The Masterchem Solvent Plus shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)

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# MASTERCHEM CLEANER PLUS

GRILL CLEANER CONCENTRATE



masterchem



extremely effective



easy to dilute



short contact time

## DESCRIPTION

The masterchem Cleaner Plus is perfect to use in the food industry, catering, bakery industry, confectionary and in steakhouses where burnt meat, remains of vegetable oil and dairy products have to be removed, or in machine and engine workshops and boiler rooms where lubricants, soot etc. may appear. Not recommended for cleaning such pieces which material can be harmed by strong alkaline solvents (aluminum, zinc and its alloys, brass etc.).

## MANUAL

The concentrate or its diluted solution can be used for manual and mechanical cleaning. The concentrate needs to be diluted right then homogenized by stirring. Apply the solution to the surface (dipping, spraying, pumping) and leave it on for the recommended contact time. Then rinse the surface with water and remove the dirt with water spray or mechanical support.

## DILUTION

The recommended dilution is between 10 and 100%. The optimal temperature is 20-90 °C, the contact time is 4-0,1 hour.

## STORING/SIZE

Bear in mind it is a strong alkaline product. Keep it unopened, in a cool, dry place, separated from acid products, food, fodder and according to regulations on chemicals.

4x5 liter (ADR qualified can)

30 liter (ADR qualified can)

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# MASTERCHEM IS 100

IODINATED STERILIZER AND CLEANING CONCENTRATE



masterchem



lasts for hours



resists high temperatures



non-dripping

## DESCRIPTION

The Masterchem IS 100 is a iodinated sterilizer and cleaner with a wide range of usage that has the advantages of iodine balance its disadvantages. Thanks to its viscosity it preserves iodine longer. It is more resistant to high temperatures (40-50 °C). There is very few evaporation loss and vapor tension. Even its 33% solution form is thick enough to cling onto vertical surfaces.

## MANUAL

Use the 33% solution form if you want a specially strong sterilizer effect and the product to work on vertical surfaces. A 2-4% solution is best for sterilizing tools, devices, places, platforms, vehicles, installations, machines and tiles.

1. Clean the surface beforehand
2. Apply the solution with a spraying device or a cloth specifically used for this purpose
3. Leave it on for at least 20 minutes
4. If necessary, remove the remains with a damp cloth

## DILUTION

Concentrate	MC IS 100	Water
33% solution	1 liter	2 liter
4% solution	4 dl (400ml)	10 liter
2% solution	2 dl (200ml)	10 liter

## STORING/SIZE

Keep it in a cool, light-free place. In case of freezing, wait until the product defrosts.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM N

NEUTRAL DEGREASING CONCENTRATE



**masterchem**



extremely effective



good foaming



biodegradable



system compatible

## DESCRIPTION

The Masterchem N is a neutral degreaser concentrate designed to remove grease and oils while being very gentle on surfaces. After using, the surface can be rinsed easily and will be clean, shiny and stainless. Its neutral pH value makes it environment friendly. Thanks to its modern biodegradable components it is highly effective. HACCP system compatible.

## MANUAL

The product must be diluted with water before using. It can be applied with a nozzle, brush or high pressure cleaner. If necessary, use mechanical application. Do not let the product dry, always rinse with abundant water.

## DILUTION

Amount of dirt	Dilution	Demonstration
Extreme, oily	2%	10 liter water, 200 ml conc.
Moderate	0,5%	10 liter water, 50 ml conc.

## STORING/SIZE

Keep it in a cool place, avoid potential heating. Make sure the gases formed under storing can leave. Keep it away from children.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM NEUTRAL 150

## NEUTRAL INDUSTRIAL DEGREASER CONCENTRATE



**masterchem**



extremely effective



gentle on surfaces



biodegradable



system compatible

### DESCRIPTION

The Masterchem Neutral 150 is a slightly alkaline degreaser. It was designed to remove grease and oils while being very gentle on surfaces. Removes the most stubborn dirt. Can be rinsed easily and leaves the surface clean. It contains modern biodegradable components. HACCP system compatible. Before using, dilute it with water considering the amount of dirt.

### MANUAL

The Masterchem Neutral 150 is a slightly alkaline degreaser. It was designed to remove grease and oils while being very gentle on surfaces. Removes the most stubborn dirt. Can be rinsed easily and leaves the surface clean. It contains modern biodegradable components. HACCP system compatible. Before using, dilute it with water considering the amount of dirt.

### DILUTION

Amount of dirt	Dilution	Demonstration
Extreme, oily	2%	10 liter water, 200 ml conc.
Moderate	0,5%	10 liter water, 50 ml conc.

### STORING/SIZE

The Masterchem Neutral 150 concentrate shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM SOLVENT

INDUSTRIAL METAL CLEANER AND DEGREASER LIQUID



**masterchem**



extremely effective



evaporates fast



aluminum compatible



creates thin film

## DESCRIPTION

The Masterchem Solvent is most effective with metal, plastic, aluminum and steel components that are further processed or packed. Removes heavy grease, oil, tar and charring. Ideal for cleaning components made of metal, concrete, ceramic and other building materials. Can be applied to devices in complete form or when they are not installed. It penetrates into the hairline fractures and creates a particularly thin layer that prevents moisture, corrosion and fingerprints. The product was designed to evaporate slowly, to avoid moisture and steam on the surfaces and to be efficient enough with stubborn dirt. Due to its anticorrosion component it prevents corrosion. It does not harm insulators, sealants, paint and varnish either. Exterminates greases, glues, oils, sludge and tar.

## MANUAL

Apply Masterchem Solvent with a brush, compressed air, a nozzle or by dipping, but without diluting it. Repeat the process in case of stubborn dirt or brunt oil. If necessary, use a brush or a cloth to clean with. With painted or coated parts, examine the compatibility beforehand.

## DILUTION

Use without diluting.

## STORING/SIZE

The Masterchem Solvent shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM TRUCK 300

## TRUCK CLEANING CONCENTRATE



**masterchem**



extremely effective



heavy foaming



easy to dilute



short contact time

### DESCRIPTION

The Masterchem Truck 300 is a heavily foaming, economical truck cleaner shampoo concentrate. It is a slightly alkaline, thick cleaner with special composition that does prepping and washing in one step without scrubbing. Suitable for cleaning trucks, heavy machinery and agricultural machines. Easy to rinse and leaves the surface clean and shiny.

### MANUAL

The Masterchem Truck 300 is a strong concentrate, so use it only in a diluted form!

1. Dilute the product to match the amount of dirt
2. Apply the solution with a nozzle, foam maker, high pressure cleaner or manually
3. Let the shampoo work for at least 60 seconds
4. Rinse it with abundant high pressure water

You may want to do a trial before the actual cleaning in case of higher concentrate solutions (1:20)!

### DILUTION

Amount of dirt	Dilution	Demonstration
Extreme, oily	1 : 20	20 liter water, 1 liter shampoo
Moderate	1 : 25	25 liter water, 1 liter shampoo
Light, static	1 : 50	50 liter water, 1 liter shampoo

### STORING/SIZE

The Masterchem Truck 300 shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

30 liter (ADR qualified can)

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# MASTERCHEM ALCL

ALUMINUM CLEANER AND INDUSTRIAL DEGREASER CONCENTRATE



**masterchem**



extremely effective



easy to dilute



protects surfaces



creates thin film

## DESCRIPTION

The Masterchem ALCL is a special composition, slightly alkaline cleaner that is perfect for cleaning engines and other heavy oil covered apparatus or components. Effective but gentle enough not to damage surfaces. It is just as effective with intense dilution, consequently it is very economical. Due to its corrosion-preventing ingredients it protects metal surfaces.

## MANUAL

The product must be used in a diluted form. Apply it by spraying or with a brush when cleaning machines, devices and tools. Rinse the surface when you reach the desired result. The diluting ratio is 1:2-1:5, depending on the amount of dirt. Necessary contact time: maximum 5 minutes.

## HÍGITÁSI Demonstration

Amount of dirt	Dilution	Demonstration
Extreme, oily	1:2	2 liter water, 1 liter MC ALCL
moderate	1:3	3 liter water, 1 liter MC ALCL
Light, static	1:5	5 liter water, 1 liter MC ALCL

## STORING/SIZE

The Masterchem Truck 300 concentrate shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM D-CLEAN

## MULTIPURPOSE SOLVENT AND CLEANER



**masterchem**



ready to use



short contact time



aluminum compatible

### DESCRIPTION

The MASTERCHEM D-CLEAN is a specially designed, great efficiency, water based degreaser and cleaning product. Under a brief contact time it breaks even the most stubborn dirt that can be easily removed or wiped off the surface. Safe to use on most materials such as plastics, vinyl, textile, drape, painted surfaces, wood, chrome, stone, concrete, rubber or tile. Removes all sorts of greasy and oily impurities. Not recommended for glass surfaces.

### MANUAL

Apply the non-diluted product with a brush, a nozzle or via dipping method. Repeat the process in case of stubborn dirt or burnt oils. Remove all the remains with our MASTERCHEM NEO BIG ROLLS.

### TECHNICAL DETAILS

Features:	Values:
Density on 20 °C	around 1,03 g/cm
Solubility in water	dissolves completely
Freezing point	below 0 °C
pH value (20 °C-on)	13 - 14 ppm
Appearance	colorless liquid

### DILUTION

Use the product without diluting!

### STORING/SIZE

Keep the product in its original closed container between 5 and 30 °C. Do not leave it in the sun or in a frost-risk place! Separate it from oxidants and acids!

- 1 liter (in a HDPE bottle with Canyon CHS-3A nozzle)
- 20 liter (ADR qualified can)
- 60 liter (ADR qualified can)
- 200 liter (ADR qualified barrel tap)

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# Descalers



# MASTERCHEM A

ACID STERILIZER AND CLEANER



**masterchem**



extremely effective



easy to dilute



reduced foaming



system compatible

## DESCRIPTION

The Masterchem A is perfect for sterilizing and acid cleaning dairy, bakery, wine and beverage industry devices and milking equipment. (tanks, lines, heaters, separators and bottler apparatus etc.)

## MANUAL

Use the product the following way loaded into a manual or automatic cleaning device:

1. Drain the system
  2. Rinse it with lukewarm water
  3. Make the appropriate percentage 40-80 C° temperature watery solution
  4. Pour the solution into the system
  5. Float the warm solution around
  6. Drain it off after 10-20 minutes
  7. Rinse the system with clear water and make sure the process was successful
- Using goggles and protective gloves is mandatory!

## DILUTION

The concentrate should be between 0,5 and 5%, considering the surface that needs cleaning. Make it 0,5-1% in case of milking equipment, milk cooling tanks, dairy and beverage industry installations (50-100 ml Masterchem A to 10 liter water). In this case the temperature and contact time shall remain the same (40-80 °C, 10-20 minutes).

## STORING/SIZE

Keep it in a cool place, avoid potential heating. Make sure the gases formed under storing can leave. Keep it away from children.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM S2

DESCALER FOR COOLING TOWERS AND COMPLETE SYSTEMS



**masterchem**



extremely effective



easy to dilute



gentle on surfaces

## DESCRIPTION

The Masterchem S2 is perfect to dissolve mineral based crust and improve heat transfer. Its additives protect the steel, metal and zinc metal surfaces from corrosion, while effectively removing dirt. Suitable for regular cleaning. Can be used in closed systems, plate and tubular heat exchangers, cooling towers and high pressure machines. Using the product regularly improves heat transfer. Works well with intense foaming.

## MANUAL

The product is a thick concentrate, consequently use it only in a diluted form. For higher intensity warm it up to 40-60 °C.

1. Dip the metal into the solution or make it cover the surface completely
2. Check the ph value. Make a new solution if the ph rises above 1,5-2
3. Keep on cleaning until the surface is spotless. But do not let the product work for more than 1-2 hours.
4. Rinse the clean metal surface with slightly alkaline or neutral water until the water gets neutral

Test the product beforehand. Do not let it dry on the surface, make sure to rinse every time.

## DILUTION

Concentrate	Masterchem S2	Water
20% (1:5)	1 liter	5 liter
10% (1:10)	1 liter	10 liter
5% (1:20)	1 liter	20 liter

## STORING/SIZE

Store it in its original container in a dry, sunlight protectant place between 5 and 50 °C.  
Expiry date: 12 months

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM S2 NFH

DESCALER CONCENTRATE FOR COMPLETE SYSTEMS



masterchem



extremely effective



easy to dilute



compatible with stainless steel surfaces

## DESCRIPTION

The Masterchem S2 NFH descaler loosens up and removes crust, scale, rust, alga and mineral crust without mechanical influence. . Can be used in closed systems, plate and tubular heat exchangers.

## MANUAL

The product is a thick concentrate, consequently use it only in a diluted form. For higher intensity warm it up to 40-60 °C.

1. Dip the metal into the solution or make it cover the surface completely
2. Check the ph value. Make a new solution if the ph rises above 1,5-2
3. Keep on cleaning until the surface is spotless. But do not let the product work for more than 1-2 hours.
4. Rinse the clean metal surface with slightly alkaline or neutral water until the water gets neutral

Test the product beforehand. Do not let it dry on the surface, make sure to rinse every time. Bear in mind that removing scale and corrosion can result in galvanized zinc surface damage/alteration which may create holes. (We do not take responsibility for such damages!)

## DILUTION

Concentrate	Masterchem S2 NFH	Water
20% (1:5)	1 liter	5 liter
10% (1:10)	1 liter	10 liter
5% (1:20)	1 liter	20 liter

## STORING/SIZE

Store it in its original container in a dry, sunlight protectant place between 5 and 50 °C. Expiry date: 12 months

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM ALCL PRO

## ACID ALUMINUM AND STAINLESS CLEANING CONCENTRATE



**masterchem**



extremely effective



easy to dilute



gentle on surfaces



stainless steel compatible



aluminum compatible

### DESCRIPTION

The Masterchem ALCL PRO was designed to clean heavily contaminated and aluminum and acid-proof surfaces. It is very economical. Dissolves corrosion and mineral crust. Excellent for cleaning light metal and rims. Rapidly and effectively eliminates grease, oil, burnt break dust and oxidation. Perfect aftercare product for welding aluminum and stainless steel surfaces. Works well with aluminum fuel tanks and pedals. It is a normal acid cleaner to remove scale and rust from all sorts of acid-proof surfaces. Does not contain toxic hydrogen fluoride.

### MANUAL

The product needs to be diluted before using. The ratio of dilution is 1:10-1:30, depending on the amount of dirt with a maximum 5 minutes of contact time. Use a spraying technique with machines, devices and tools or apply with a brush. Rinse thoroughly afterwards.

### Dilution

Amount of dirt	Dilution	Demonstration
Extreme, oily	1 : 10 (10 %)	10 liter water, 1 liter MC ALCL PRO
Moderate	1 : 20 (5 %)	20 liter water, 1 liter MC ALCL PRO
Light, static	1 : 30 (3,3 %)	30 liter water, 1 liter MC ALCL PRO

### STORING/SIZE

The Masterchem ALCL PRO shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM FERRACID CITRO

## SCALE AND LIMESTONE DISSOLVER CONCENTRATE



masterchem



extremely effective



easy to dilute



no unpleasant smells

### DESCRIPTION

The Masterchem Ferracid Citro concentrate perfectly removes scale, lime and similar mineral crusts from metal, glass and ceramic surfaces. No need to use mechanical influence for great results. The Masterchem Ferracid Citro is the watery mixture of inorganic acids with special corrosion inhibitor. With or without diluting it is perfect for descaling, cleaning water pipes, boilers, heat exchangers and removing mortar, cement and alga. The exhausted smell is not unpleasant. Does not harm metal surfaces thanks to its corrosion preventing additives. Compatible with painted, metal, zinc and brass surfaces. Stay away from soaking (for hours) when using a dipping method or working with non-ferrous metals, semi-wrought iron, zinc works and aluminum.

### MANUAL

Use it in a diluted form. The ratio should be 1:5-1:20 depending on the amount of dirt. After neutralizing pour the acid substance down the drain.

1 liter concentrate dissolves about 2-2,5 kg scale.

### DILUTION

Amount of dirt	Dilution	Demonstration
Extreme	20 % (1 : 5)	5 liter water, 1 liter MC FERRACID CITRO
Moderate	10 % (1 : 10)	10 liter water, 1 liter MC FERRACID CITRO
Light, static	5 % (1 : 20)	20 liter water, 1 liter MC FERRACID CITRO

### STORING/SIZE

Keep it in a frost-free place.

4x5 liter (ADR qualified can)

30 liter (ADR qualified can)

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# MASTERCHEM C

CITRIC-ACID BASED DESCALER AND RUST REMOVER CONCENTRATE



masterchem



extremely effective



easy to dilute



non-foaming



biodegradable

## DESCRIPTION

The Masterchem C is a citric-acid based descaler and rust remover product that eliminates mineral crusts and does not cause corrosion. Perfect for technological cleaning. Safe for aluminum and metal surfaces. It is completely biodegradable due to its organic components.

## FIELD OF USE

- closed systems
- brass and copper surfaces
- stainless steel surfaces
- glass surfaces
- plastics
- ceramics

## MANUAL

Dilute it before applying with a spraying technique or by irrigating. Cleaning can be done by direct dipping in the solution. Recommended ratio is 1:6-1:9. Contact time depends on the thickness of crust and temperature. Rinse thoroughly with water afterwards.

## REMARK

**Avoid: overheating or letting the product freeze**

**Reacts with alkaline and acid.**

**Hazardous byproducts: carbon monoxide and dioxide above boiling temperature**

## SIZE

4x5 liter (ADR qualified can)

30 liter (ADR qualified can)

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# MASTERCHEM CC PRO

## CONCRETE AND SCALE DISSOLVER CONCENTRATE



**masterchem**

-  extremely effective
-  easy to dilute
-  non-foaming
-  rapid acting
-  system compatible

### DESCRIPTION

The Masterchem CC Pro is suitable for loosening up and dissolving remains of concrete, mortar, cortex and scale. Also loosens and removes lime, rust, scale, alga and passivates iron and metal surfaces. Removes greases and oils, so it is suitable for cleaning swimming pool walls and drainages. Can be applied with a brush or by spreading. Tools and building materials can also be cleaned with it. Makes the removal process of solid or semi-solid concrete from mixers so much easier. Does not harm iron or metal surfaces, but temporarily protects from corrosion. Painted surfaces are not or slightly damaged by it, but it does not swell rubber fillings. Not HACCP system compatible.

### REMARK

It is the combination of inorganic and organic inhibitors and materials modifying surface tension. If it gets on the skin, rinse with abundant water. Using goggles is recommended. Do not swallow the product! With the right amount of dilution it is suitable for cleaning tiles or stone floor. Can be used in case of blocked drains, because it loosens organic crust and emulsifies it. Removes scale from steel and plastic hulls. Makes the removal of stubborn scale, shell and slug crust so much easier.

WARNING: avoid mixing with alkaline sterilizers and detergents

### DILUTION

Amount of dirt	Dilution	Demonstration
Extreme	20 % (1 : 5)	5 liter water, 1 liter MC CC PRO
Moderate	10 % (1 : 10)	10 liter water, 1 liter MC CC PRO
Light, static	5 % (1 : 20)	20 liter water, 1 liter MC CC PRO

### STORING/SIZE

Keep it in a frost-free place

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM FERRACID

## SCALE AND RUST DISSOLVER CONCENTRATE



masterchem



extremely effective



easy to dilute



no unpleasant smells

### DESCRIPTION

The Masterchem Ferracid is a concentrate that removes scale and lime from metal, glass and ceramic surfaces. It is a watery mixture of organic acids with special corrosion inhibitor. With or without diluting it is perfect for descaling, cleaning water pipes, boilers, heat exchangers and removing mortar, cement and alga. The exhausted smell is not unpleasant. Stay away from soaking (for hours) when using a dipping method or working with non-ferrous metals, semi-wrought iron, zinc works and aluminum.

### MANUAL

It needs to be used in a diluted form. The ratio depending on the amount of dirt is 1:5-1:20. After neutralizing pour the substance used for acidizing down the drain. Leftover liquid can be neutralized with Masterchem AF1. 1 liter concentrate dissolves about 2-2,5 kg scale.

### DILUTION

Amount of dirt	Dilution	Demonstration
Extreme	20 % (1 : 5)	5 liter water, 1 liter MC FERRACID
Moderate	10 % (1 : 10)	10 liter water, 1 liter MC FERRACID
Light, static	5 % (1 : 20)	20 liter water, 1 liter MC FERRACID

### STORING/SIZE

Keep it in a frost-free place

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM SC PRO

DESCALER CONCENTRATE FOR INDUSTRIAL USAGE



masterchem



extremely effective



easy to dilute



reduced foaming

## DESCRIPTION

The Masterchem SC Pro is a high concentrate chemical cleaner that removes corrosion, scale and alga from metal and ceramic surfaces. No need to use mechanical influence for great results. Due to its reduced foaming, it is suitable for cleaning heat exchanger installations as well. . Does not harm metal surfaces thanks to its corrosion preventing additives. Primarily it is designed to clean installations made of steel, so every aluminum, zinc or chrome coated element has to be removed from the system that needs cleaning.

## MANUAL

Use the concentrate in a diluted form, a ratio of 1:6-1:9. Contact time depends on the thickness of scale and temperature. Acidizing can only be done in an open system so that gases formed in the process can leave freely!  
1 liter concentrate dissolves about 2-2,5 kg scale.

## DILUTION

Amount of dirt	Dilution	Demonstration
Extreme	20 % (1 : 5)	5 liter water, 1 liter MC SC PRO
Moderate	10 % (1 : 10)	10 liter water, 1 liter MC SC PRO
Light, static	5 % (1 : 20)	20 liter water, 1 liter MC SC PRO

## STORING/SIZE

Keep it in a frost-free place

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM SCALE 120

## DESCALER CONCENTRATE



masterchem



extremely effective



easy to dilute



rapid acting

### DESCRIPTION

Can be used in the catering industry, private and public health, animal health, food industry and other branches, mainly in places involved with water where the aim is to remove scale, greases, blockages caused by milk remains and metal oxides. May harm zinc, oxide, marble and lime surfaces, so make sure to do a test before the actual cleaning. Can remove urine scale as well.

### MANUAL

Prepare the correct concentrate and temperature (20–60 °C) dilution and apply it. Apply by spraying, with a scrubber, dipping or other methods. Application can be supported by mechanical influence. The acid removes scale, blockages caused by milk remains and metal oxides, while surfactants eliminates greases leaving the surfaces evenly clean. When contact time is over, rinse thoroughly with water.

### CONTACT TIME

Amount of dirt	Concentrate & Temperature	Contact time
Thick scale	20 - 30%, 20–60°C	1 - 2 hours
Moderate scale	10 - 20%, 20–60°C	10 - 30 minutes
Light scale	5 - 10%, 20–60°C	3 -20 minutes

### STORING/SIZE

Keep it in its closed, original container in a cool, frost-free dry place, away from sunlight and separated from food and products that may exhaust vapor when in contact with acid (cyanides, substances containing active chlorine etc.). Please store it according to regulations on chemicals.

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM SC

## DESCALER AND RUST DISSOLVER CONCENTRATE



masterchem



extremely effective



easy to dilute



gentle on surfaces

### DESCRIPTION

The Masterchem SC is perfect for removing scale and lime from metal, glass and ceramic surfaces. Has metal protectant additives which reduces corrosion in case of carbon steel. Effective against mineral and slightly greasy crust without mechanical influence. Does not harm painted surfaces thanks to its corrosion preventing additives.

### MANUAL

Apply it to the surface or use a dipping method. Do not dilute it to clean toilets and drains or to remove thick scale. Use a 1:1 ratio solution to clean metal, glass and ceramic surfaces, but do not combine it with aluminum, non-ferrous metal, chrome coated, enameled and rustproof surfaces. With a thin solution format it can be used to clean tiles, floors, acid-proof surfaces and different ceramic floors. Do not clean lime, marble, household devices, enamels or coated floor tile with it. Rinse with abundant water afterwards. Make sure to do a test before the actual cleaning.

### DILUTION

Amount of dirt	Dilution	Demonstration
Thick scale	20 % (1 : 5)	5 liter water, 1 liter MC CC PRO
Moderate scale	10 % (1 : 10)	10 liter water, 1 liter MC CC PRO
Light scale	5 % (1 : 20)	20 liter water, 1 liter MC CC PRO

### STORING/SIZE

The Masterchem SC shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

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# MASTERCHEM SC POWDER

ORGANIC BASE SCALE REMOVER AND CLEANING SUBSTANCE  
FOR HEAT EXCHANGERS AND COMPLETE SYSTEMS



masterchem



extremely effective



rapid contact time



gentle on surfaces



compatible with stainless steel surfaces

## DESCRIPTION

The Masterchem SC Powder is an organic base crystalline structure scale remover that dissolves mineral crust and maximizes the efficiency of heat exchange. It is recommended for heat exchanger installations, complete systems and cooling towers. Safe to use on most plastic and metal surfaces.

## REMARK ON USAGE

Do not mix it with conditioners with chlorine or other household detergents because chlorine gas may be created. A layer of foam may appear on the water when using. Do not fill the mixing bowl completely, leave some space for the foam (use a foam preventer if there is intense foaming). Bear in mind that removing scale and corrosion can result in galvanized zinc surface damage/alteration which may create holes. (We do not take responsibility for such damages!) Always check the instructions to know if the product can be used or not.

## DILUTION

Concentrate	Masterchem SC POWDER	Water
Extreme, oily 1 : 10	1 kg	10 liter
Moderate 1 : 20	1 kg	20 liter
Light, static 1 : 30	1 kg	30 liter

## STORING/SIZE

Store it in its original container in a dry, sunlight protectant place between 5 and 50 °C. Expiry date: 12 months

30 kg

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**Surface treatment products,  
release agents**



# MASTERCHEM ANTISPATTER LIQUID

SILICONE-FREE MOLD-RELEASE LIQUID



**masterchem**



silicone-free



can be painted



biodegradable



solvent free

## DESCRIPTION

The Masterchem Antispatter Liquid prevents spattering particles from clinging onto the surface when autogenous welding. It functions in a very thin layer as well, so it does not damage the seam. Completely suitable for MIG/MAG welding. Can be used with steel, steel alloy and stainless steel welding too. Since it is silicone-free, it allows aftercare (painting, galvanization, chrome plating). The product can be used indoor, it is not combustible, its vapor is not toxic and provides complete mold-release. Can be combined with robotic welding. Does not contain carcinogenic solvents.

## MANUAL

Shake it well before using. Spray it in a thin layer, from a 20 cm distance. Droplets can be wiped after welding. Protects from corrosion in the short run. Can be directly painted.

## DILUTION

Usage	Dilution	Demonstration
Robotic welding	1 : 1	1 liter water, 1 liter conc.
General application	1 : 5	5 liter water, 1 liter conc.

## STORING/SIZE

The Masterchem Antispatter Liquid concentrate shall be stored in its original, closed container between 5 and 50°C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)  
25 liter (ADR qualified can)

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# MASTERCHEM BITHUSOL

TAR REMOVER AND CLEANING CONCENTRATE



**masterchem**



extremely effective



pleasant smell



easy to dilute



biodegradable

## DESCRIPTION

The Masterchem Bithusol is an excellent neutral cleaner that contains surfactant additives, natural orange oil extracted from orange peel and non-dangerous propylene-glycol ether. Very economical and does not contain water. Effectively substitutes dangerous chlorinated solvents and hydrocarbons.

## MANUAL

Suitable for removing heavy grease, tar, asphalt, remains of glue and mineral oil based contamination. Does not harm the majority of painted surfaces. (do a test before the actual cleaning!) Apply the product and after a few minutes rinse with water then wipe the surface dry with our NEO BIG ROLL paper towels. Repeat the process if necessary.

## DILUTION

Amount of dirt	Dilution	Demonstration
Extreme	none	
Moderate	1 : 2	2 liter water, 1 liter conc.
Light	1 : 5	5 liter water, 1 liter conc.

## STORING/SIZE

Keep it away from heat and naked flame. The substance can't be mixed with other chemicals. Prior to using, always read the instructions and safety norms noted on the label.

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)



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# MASTERCHEM CUT 200

BIO-STABLE COOLING AND LUBRICANT CONCENTRATE



**masterchem**

-  non-foaming
-  contains EP additives
-  compatible with stainless steel and hard metals
-  contains corrosion preventing additives
-  easy to dilute

## DESCRIPTION

The Masterchem Cut 200 is a high quality and efficiency synthetic cooling and lubricant concentrate that is perfect for cutting metal and contains corrosion preventing and EP (extreme pressure) additives. Suitable for dealing with problems with grinders, drills and screw threads. Can be used with iron or non-iron metals, high or medium carbon content steel alloys, nickel or nickel alloys and 18/10 manganese steel. Works excellently with all types of machine processing due to its selected additives: in case of correct cutting speed it guarantees better surface quality and greater longevity for tools. Protects from corrosion. Can be rinsed with water. There is no unpleasant smell of smoke when using. Enables complicated work even with high pressure. Always comply with the recommended dilution ratio (2-10%) depending on the amount of dirt.

## MANUAL

The cooling or lubricant apparatus has to be cleaned prior to using the product. In case of complicated, more complex systems, use Masterchem AF 1 then sterilize. Prepare the emulsion with drinking water at room temperature. Very hard water may cause extraction.

## FIELD OF USE

Recommended for all kinds of metal processing technologies with circulated cooling and lubricant system with the correct dilution ratio. Thread cutting, thread drilling, drilling, milling, turning, grinding and sawing.

## DILUTION

Usage	Dilution	Demonstration
emulsion	Dilution nélkül	
drilling (high rotational speed)	1 : 5 - 1 : 10	5-10 liter water/ 1 liter conc.
cutting	1 : 10 - 1 : 20	10-20 liter water/ 1 liter conc.

## SIZE

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu



# MASTERCHEM FOAM PREVENTER

## SILICON BASED HIGH SCOPE CONCENTRATE



excellent foam preventing effect



rapid and long-lasting



odorless

### DESCRIPTION

Silicon based foam preventing emulsion that eliminates foam rapidly. Has great diluting stability and long-lasting effect. Remains just as effective after storing for long.

### FIELDS OF USE

- textile industry (colorants)
- wastewater purification
- cleaning apparatus
- detergent and cleaner production
- ceramic industry
- Foam preventing in closed systems

### RECOMMENDED PORTION

0,02-1 g/l depending on the field of use and the liquid of focus

### DESCRIPTION

Features:	Values:
Appearance (on 20 °C)	white, odorless, liquid
Dry extract content	ca. 16 %
Silicon fraction	12 %
pH	6 - 7 ppm
Viscosity (on 20 °C)	40 cSt
Density	1,02 g/m <sup>3</sup>

### STORING/SIZE

The product is prone to freezing, so keep it above 5 °C!  
5 liter (ADR qualified can)  
25 liter (ADR qualified can)

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E-mail: info@pentasol.hu

# MASTERCHEM PAINT REMOVER

## PAINT REMOVER



masterchem



extremely effective



short contact time



can be painted over

### DESCRIPTION

The Masterchem PAINT REOMVER removes all types of paints (synthetic, nitro combination, polyurethane, epoxy and acryl) from all surfaces such as wood, iron, cement, wall, plastic or fiberglass. Thanks to its thixotropic (jellylike) composition it can be used on vertical surfaces. Does not contain methylene chloride or has a corrosive effect, hence it is much safer for users and the environments than regular paint removers.

### WARNINGS

Apply the product with a brush. Leave it on for the recommended contact time that varies between 5 and 10 minutes. In case of resins and finishing powders contact time may be 10-15 minutes! When the paint loosens, remove with high pressure water or a spatula.

### STORING

The Masterchem PAINT REMOVER shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

### SIZE

4x4 kg (re-closable metal container)

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu

# MASTERCHEM RUST CONVERTER

## RUST CONVERTER, CHEMICAL FOUNDATION



can be overpainted



protects surfaces from harsh, damp environmental impacts



can be diluted with water

### DESCRIPTION

The Masterchem RUST CONVERTER is a perfect foundation and preserving product that protects installations and other metal surfaces in the long run even in harsh and damp circumstances. Creates a chemical bond with metals and permanent surfaces. Can be overpainted by the majority of paints and needs minimal preparation. Prior to usage it is enough to remove peeling rust and dust. After application the result is a hard, abrasion-resistant but flexible black polymer that resists potential deformations caused by thermal expansion.

### MANUAL

Apply with a brush, paint roller or in case of bigger surfaces in a water diluted (1:1) form with a spray gun. The product is water based but once it dried (12-24 hours depending on humidity) it can be overpainted with any kinds of paint.

### STORING

The Masterchem RUST CONVERTER shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place. Expiry date is 12 months in an unopen state.

### SIZE

5 liter (can)

PENTASOL HUNGARY KFT.  
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# Special products





# MASTERCHEM ANTIRUST OD

## OUTDOOR CORROSION PREVENTING LIQUID



masterchem



corrosion preventing



water resistant



creates film layer

### DESCRIPTION

Once the solvent has evaporated, the Masterchem Antirust OD remains on the surface in a waxy/greasy, very sticky and resistant form. Withstands damp, humid and acid environment. Water resistant. Prevents corrosion created on the surfaces of components when manually moving them. Remains just as effective on polished surfaces. Can be applied by pulverization or with a brush.

### MANUAL

- to protect black, zinc and polished plates
- to protect molding tools and metals kept outdoor

Can't be diluted! To remove the product, use our Masterchem Solvent.

### STORING

Store it in its original container in a dry, sunlight protectant place between 5 and 50 °C. Expiry date: 12 months

### SIZE

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu

# MASTERCHEM PD 500

DEGREASER, CORROSION PREVENTING CONDITIONAL LIQUID



**masterchem**



extremely effective



can be overpainted



easy to dilute



solvent free

## DESCRIPTION

The Masterchem PD 500 is perfect to degrease, prevent corrosion and condition metal and non-metal surfaces. As a result, surfaces attract different layers of paint more effectively. When using the product a layer of phosphate is formed. The surfaces are normally made of iron, carbon steel or slightly alloyed steel, but it could be aluminum, zinc and its alloys. Main target areas of the Masterchem PD 500: prevent corrosion (combined with greases, oils), improve the corrosion resistance and adhesion of middle layer and organic coatings, reduce surface friction for cold processing operations, reduce abrasion in case of machine parts touching and electric insulation. Phosphating can be done by dipping, spraying or sometimes with a brush. The formation, structure and features of phosphate are determined by: quality of the base metal, its roughness, preparation method of the surface and rinsing condition. To create the right quality surface you must degrease, deoxidize and rinse it, in some cases even activate it, which all can be done with our Masterchem PD 500.

## DILUTION

Amount of dirt	Dilution	Demonstration
Extreme, oily	1 : 4	4 liter water, 1 liter conc.
Moderate	1 : 5	5 liter water, 1 liter conc.

## MANUAL

- remove the greases, oils with Masterchem D200 or Masterchem AF 1
- dilute Masterchem PD 500 in a ratio of 1:4 or 1:5
- apply it by spraying, with a brush or high pressure cleaner
- leave it on until the dirt dissolves
- rinse the surface and let it dry

## SIZE

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu

# MASTERCHEM ANTIRUST

## CORROSION PREVENTING LIQUID



**masterchem**



corrosion preventing



water and dust resistant



excellent fluidity



creates a thin coating



silicon free

### DESCRIPTION

The Masterchem Antirust sticks onto any surface in the form of a thin, transparent protective film and creates an even armor. Resists water and dust. Crawls into moving components and penetrates rust. Does not create emulsion and can be applied after alkaline cleaning the surface. The protective film can be removed with a solvent (Masterchem Solvent) if necessary. In case of steel, the longevity of protection is around 1 year, 3–6 months outdoors with siding, 30 days without any additional protection. If you need even more longevity, use the MC ANTIRUST OD. It can't be diluted.

### FIELD OF USE

- pressing and molding tools
- processed or metal coated components
- polished surfaces
- lubrication and protection of plastics
- measuring instruments, tools
- transporting protection

### MANUAL

Apply it to the dry, dustless surface. Switch off electrical systems and relieve stress. The protection is ready after a couple of minutes of drying. Joints and tools can be used without any sort of aftercare.

### STORING/SIZE

The product shall be stored in its original, closed container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

5 liter (ADR qualified can)

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E-mail: info@pentasol.hu

# MASTERCHEM PD 800

FERROUS PHOSPHATING CONCENTRATE FOR METAL SURFACES



masterchem



extremely effective



shortens cleaning process



easy to dilute

## DESCRIPTION

The Masterchem PD 800 is a fluid, ferrous phosphating product mainly for prepping steel surfaces. Degreases and phosphates in one step. Application: spraying. The product creates a dark blue/grey passivating effect phosphate layer that provides great adhesion for every organic coating. Its surfactants comply with the EU detergent regulation.

## MANUAL

Can be directly applied to slightly contaminated surfaces. In case of extreme dirt, do a pre-degreasing operation. Do an acid soaking or degreasing prepping with rusty or mill scale surfaces. Experiment to get the perfect prepping process. Aluminum and zinc surfaces require special conditions. After phosphating, rinse the surface and dry it. Consider the regulations of the paint manufacturers and quality certificate creator authorities. Efficiency of the product may be affected by the composition and state of the surface. Consequently, in some cases the optimal parameters may differ from the standard mentioned above.

## DILUTION

Use	Dilution	Demonstration
Degreasing + phosphating	1 : 10	10 liter water, 1 liter conc.
Phosphating	1 : 20	20 liter water, 1 liter conc.

## SIZE

4x5 liter (ADR qualified can)  
30 liter (ADR qualified can)

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu



# MASTERCHEM SILICON TG

## SILICON-CONTAINING RELEASE AGENT LIQUID



**masterchem**



does not leave stain



water resistant



antistatic

### DESCRIPTION

The Masterchem Silicon TG is a special silicon polydimethylsiloxane-oil based release agent, lubricating and conductivity improving liquid for industrial use. Its viscosity is not affected by temperature so it can be used in any temperature. Excellent chemical inertia: apart from hydrolysis and oxidation it resists atmospheric agents and exhaustion. Can't be diluted.

### FIELD OF USE

- treating plastic or rubber industry tools (leaves no stain)
- perfect lubricant for sewing machines, industrial machines, cutting devices, fabrics, papers, clothes, polyethylene plates etc.
- compatible with antistatic countertops, prevents dust adhesion

### MANUAL

Apply with a brush or by pulverization. Use it in a small portion due to its high concentrate.

### STORING/SIZE

Keep it in a cool, well-ventilated place, away from direct sunlight and source of heat.

4x5 liter (ADR qualified can)

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu



**Cleaners, degreasers**

# MASTER BRAKE

BRAKE CLEANER AEROSOL



masterchem



extremely effective



does not leave oil stains



evaporates rapidly

## DESCRIPTION

The MASTER BRAKE has a base of rapidly evaporating solvents and polymers. Perfectly suitable for cleaning brake discs since it removes grease, crust, tar and pitch remains. It is a very strong spray format that acts immediately. Leaves no oily stains after evaporating quickly. Does not harm rubber and plastic surfaces. Suitable for cleaning the engine compartment from the outside. Contains an additive that ends screeching noises caused by the brake linings being exhausted.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses!  
EXTREMELY FLAMMABLE!

## CHEMICAL DESCRIPTION

INGREDIENTS: combination of aggressive and non-toxic cleaners and solvents  
PROPELLANT: denatured, odorless hydrocarbon  
CONSISTENCY: clean, transparent liquid  
EVAPORATION: very fast

## SIZE

500 ml  
12/box

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
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# MASTER STARTER

STICKER AND GLUE REMOVER AEROSOL



masterchem



extremely strong



dries without leaving stains



evaporates fast

## DESCRIPTION

The MASTER STARTER removes dry ink from the printer frames of sieves. Spray a bit on the frame and it will act immediately. Repeat quickly on the painted area. Removes any kind of ink. Perfectly suitable for removing stickers from metal, carton or plastic surfaces.

## HASZNÁLATI ÚTMUTATÓ

For sieve frames: Spray it directly on the frame, leave it on for a couple of minutes then wipe with a cloth.

For stickers: Spray it directly on the sticker, leave it on for a couple of minutes then remove the sticker.

For plastic coated stickers: Peel off the edge of the sticker and spray underneath, leave it on for a couple of minutes then remove the sticker.

## DESCRIPTION

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EXTREMELY FLAMMABLE!

## SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
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# MASTER CLEANER

## CONTACT CLEANER AND DEGREASER AEROSOL



masterchem



extremely effective



dries without leaving stains



evaporates fast

### DESCRIPTION

The MASTER CLEANER is most suitable for cleaning electric connections, networks, electric components and electronic installations such as gyroscopes, engines, precision instruments, films, office machines, cameras, high-fidelity products, electronic cards and printed circuits. Evaporates fast and leaves no stain. Spreads fast and evenly on the surfaces. It is chemically stable, clean, dielectric, has a high resistance and low density so it can penetrate dirt. It prevents short circuits in printed circuits. Thanks to its blowgun it reaches hardly accessible areas and removes dirt effectively when directed precisely.

### MANUAL

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Apply from 15 cm distance until the surface gets clean.

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses!  
**EXTREMELY FLAMMABLE!**

### SIZE

200 ml  
25/box

PENTASOL HUNGARY KFT.  
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E-mail: info@pentasol.hu

# MASTER AIR NET

AIR-CONDITIONER CLEANER AND STERILIZER



masterchem



pleasant smell



creates thick foam



wide range of use

## DESCRIPTION

The MASTER AIR NET cleaning and sterilizing aerosol is both compatible with vehicle and industrial air-conditioners. After application it creates thick foam that enters the channels where it removes dirt, mold, crust and unpleasant smells while also prevents the re-formation of all. Contains fragrance substances.

## WARNINGS

### For vehicles:

turn off the AC, insert the extension cord and remove the filter if necessary  
spray the product in for 15 seconds to fill the channels completely  
wait for 15 minutes and ventilate the car after turning the AC on for the first time

### For industrial ACs:

spray the product onto the lamella and into the channels and use the 60 cm extension cord to reach the hardly accessible areas

## DESCRIPTION

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only!

## SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
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E-mail: info@pentasol.hu

# MASTER AIR PRESS

## COMPRESSED AIR AEROSOL



### DESCRIPTION

The MASTER AIR PRESS is designed to remove dust from computers, telephones, keyboards, cameras and other electronic devices. Perfect to dust off clogged and hardly accessible areas both in the industrial field and the household. Its blowgun provides easier access.

### MANUAL

- removes dust from electronic machines and prevents dust clogging
- thanks to its blowgun it reaches hardly accessible areas
- can be used for cleaning keyboards, printers, computers and PLC controllers

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses!  
**EXTREMELY FLAMMABLE!**

### SIZE

400 ml  
12 db / karton

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu



# MASTER FOAM

## MULTIFUNCTIONAL CLEANING FOAM



masterchem



creates active foam



dries without leaving stains

### DESCRIPTION

The MASTER FOAM is an active cleaning foam for multiple purposes and everyday use. Creates active foam on the surfaces and dissolves dirt effectively. Compatible surfaces: plastic, glass and chrome, dashboards, floors, furniture upholstery, vehicle coatings etc. Can clean screens as well. Effective at removing bugs and grease from car windshields.

### MANUAL

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Spray it from 25 cm distance and leave it on for 30 seconds then wipe off thoroughly. In case of textiles and upholstery make sure you check their fastness beforehand.

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses!

EXTREMELY FLAMMABLE!

### SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu

# MASTER SOLVE 100

INDUSTRIAL METAL CLEANER AND DEGREASER



masterchem



acts fast



create thin protective layer

## DESCRIPTION

The MASTER SOLVE 100 is an effective cleaner for all the metal, plastic, aluminum and steel components that will be further processed or packed. It is very impressive against oils, tar and charring. Can be applied to devices in complete form or when they are not installed. It penetrates into the hairline fractures and creates a particularly thin layer that prevents moisture, corrosion and fingerprints. The product was designed to evaporate slowly, to avoid moisture and steam on the surfaces and to be efficient enough with stubborn dirt. Due to its anticorrosion component it prevents corrosion. It does not harm insulators, sealants, paint and varnish either. Exterminates greases, glues, oils, sludge and tar.

## FIELDS OF USE

- metal manufacturers
- plastic industrial tools
- switch cabinets
- maintenance of electric motors and engines
- compatible with steel, plastic, aluminum and other metal surfaces

## HASZNÁLATI ÚTMUTATÓ

Apply MASTER SOLVE 100 with a brush, compressed air, a nozzle or by dipping, but without diluting it. Repeat the process in case of stubborn dirt or brunt oil. If necessary, use a brush or a cloth to clean with. With painted or coated parts, examine the compatibility beforehand. Store it in a well-ventilated place only.

## SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu

# MASTER SOLVE 300

INDUSTRIAL RAPID ACTING CLEANER



**masterchem**



evaporates fast without residue



biodegradable



extremely effective

## DESCRIPTION

The MASTER SOLVE 300 is an effective cleaner for all the metal, plastic, aluminum and steel components that will be further processed or packed. It is very impressive against oils, tar and charring. Exterminates resinous crust even in the pores. Can be applied to devices in complete form or when they are not installed. Perfect for surfaces to be glued or painted due to it drying fast and degreasing effectively. It prevents corrosion and does not harm insulators, sealants, paint and varnish either. Creates no toxic vapors. Evaporates completely.

## FIELDS OF USE

- adhesive technology, paint factories
- plastic industrial tools
- maintenance workshops, industrial maintenance
- electronics, chemical industry, printing
- electric motors and engines, office machinery

## MANUAL

Apply MASTER SOLVE 100 with a brush, compressed air, a nozzle or by dipping, but without diluting it. Repeat the process in case of stubborn dirt or brunt oil. If necessary, use a brush or a cloth to clean with. With painted or coated parts, examine the compatibility beforehand. Store it in a well-ventilated place only. Remains dripping from the surface is recommended to be collected with PADEX 100 UP absorbent plate.

## SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu

# MASTERCHEM MULTI SCREW

INDUSTRIAL RAPID ACTING CLEANER, PROTECTANT, LUBRICANT, DEGREASER AND RUST PREVENTER



**masterchem**

7 IN 1

multifunctional



great fluidity



surface protectant

CFC FREE

CFC gas-free

## DESCRIPTION

The MASTER MULTI SCREW is a multifunctional 7 in 1 product:

- Removes water from any metal or electric surface. Contains dehydrating elements and perfect for getting connections back to function.
- Loosens rusty screws, locks, nuts and moving components
- Cleans electric and electronic connections: removes crust and grease
- Protects from rust and oxidation: protects from environmental impacts
- Cleans metal components from oil, size, paint, pitch and greases.
- Protects electric and mechanic components from frost: the bottom of its heat range is -40 °C
- Great lubricant for electric components, padlocks, small moving components, locks, bolt, screws, pins, bearings, bicycle chains etc.

An indispensable product in the house, the industry, on boats, with garden and fishing equipment, cars, bicycles and motorbikes.

Thanks to its blowgun it reaches hardly accessible areas and removes dirt effectively when directed precisely.

## STORING

The MASTER MULTI SCREW shall be stored in its original container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

## SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu



# MASTER MOULD CLEANER

## SPECIAL PLASTIC MOULD SEPARATOR



masterchem



acts fast



extremely effective



can be used on Aluminium

### DESCRIPTION

THE MASTER MOULD CLEANER is a gel-like cleaning aerosol developed for the plastic industry, which, due to its consistency, can be excellently applied even on vertical surfaces. It can be used for both aluminum and steel injection molds, mainly for the removal of -burned-on deposits on plastics, but it also works exceptionally well for removing deposited mineral substances, burned-on oily or greasy residues, and gaskets - such as klingerit.

### FIELDS OF USE

- Tools for the plastics industry
- Sealing solutions
- Chrome surfaces
- Mirror polished surfaces

### MANUAL

Apply the MASTER MOULD CLEANER aerosol onto the surface. For stubborn or heavily burned-on residues, the procedure may need to be repeated. If necessary, use of a brush, cloth, or paper towel can assist in removing the residue. Where the surface allows and for more significant burnt-on residues, the use of abrasive material or a brass brush may also be considered. Shake the product before use, and it's recommended to ensure its homogeneity during application.

### SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu

NSF products





# MASTERCHEM FS LUBE 200

## PRECISION MULTIFUNCTIONAL LUBRICANT



**masterchem**



heat range from -20 °C to 200 °C



great lubricant and corrosion preventer



water resistant

NSF H1 - No. 162277

### DESCRIPTION

The Masterchem FS LUBE 200 is perfect for lubricating places hardly accessible. Use it beside low load and minority but with numerous cycles. Compatible with every metal, plastic and rubber sealants. Does not leave stains and is odorless and tasteless. Completely chemically and biologically neutral. Corrosion preventing, does not dry out or become rancid. Does not stick, is antistatic and totally water resistant. Electric insulator. Can be used when installing, lubricating, shaping and at extrusion. Great use in the food, processing, textile, packaging, pharmaceutical and cosmetic industry. Precision installations: lubricating photography, reprography and office automation apparatus. Great lube for rails, slides, hinges, hinge joints, locks, pistons, tilting mechanisms and works just as well with pressing and screwing operations.

### TECHNICAL DETAILS

Features	Values	Standard
Density on 25 °C	795 g/l	NF EN ISO 12185
Freezing point	-28 °C	ISO 3016
Appearance	Colorless, odorless, liquid	
Szavatossági idő	5 years	
Size	650 ml	

### FIELDS OF USE

- milk factories
- bottling factories
- cardboard manufactures
- slaughterhouses
- canneries
- bakeries
- beer factories

Compatible with the most industry especially with the ones that use open parts, wire ropes, couplings, gliding rods, hinges and locks. It is especially useful with apparatus exposed to harsh conditions such as acid, alkaline, hot or cold water. Provides optimal operating conditions.

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@pentasol.hu

# MASTERCHEM FS LUBE PTFE

## TEFLON WHITE GREASE



masterchem



creates film layer



contains PTFE



long-lasting lubricating effect

NSF H1 – No. 162278

### DESCRIPTION

The Masterchem FS Lube PTFE is a clean, odorless, tasteless, white grease with high Teflon content for lubricating open mechanisms and for agricultural and food industrial purposes. It has high solid lubricant content, excellent film-forming ability, pressure-resistance, wear-resistance, corrosion preventing effect, great water- and steam-resistance. Designed to lubricate components exposed to strong vibration and shearing. Bears with the smallest coefficient of friction in case of moving mechanisms and components. Extreme penetrating ability. Does not attract dust and dirt. Very long-lasting and silicon-free. Its heat-range is from -20 °C to +160 °C. With NSF H1 registration.

### TECHNICAL DETAILS

DESCRIPTION	Values	Standard
Density on 25 °C	920 kg/m <sup>3</sup>	NF T 30 020
Solid lubricant content 10%	PTFE 10μ	
NLGI class	2	National Lubricating Grease Institute
Expiry date	5 év	

### FIELDS OF USE

- bottling factories
- cardboard manufactures
- slaughterhouses
- canneries
- bakeries
- beer factories
- traditional engines, straight engines, cylindrical gears, worm-gears
- leading systems, pillars, gliding rails
- mechanical components with numerous cycles

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

PENTASOL HUNGARY KFT.  
4030 Debrecen, Galamb street 16. Telephone/Fax: +36-52-555-888  
E-mail: info@groupemc.com



# MASTERCHEM FS MULTI 10

## MULTIFUNCTIONAL PENETRATING LIQUID



masterchem



biodegradable



corrosion preventing



great penetrating and spreading ability

NSF H1 – No. 162276

### DESCRIPTION

The Masterchem FS MULTI 10 is a NFS registered, natural vegetable ester base neutral aerosol for agricultural and food industrial purposes. Excellent penetrating lubricant that loosens stuck screws, nuts, taps, pipe fittings and joints. Biodegradable. Excellent spreading ability when lubricating threads. Tar and bitumen removing, rust dissolving and corrosion preventing substance. Cleans, degreases and stems adhesion. Clean, silicon-free, phosphoric acid- and chlorinated solvent-free. Compatible with every plastic surface and sealant. Does not harm painted surfaces.

### TECHNICAL DETAILS

DESCRIPTION	Values	Standard
Density on 25 °C	820 kg/m <sup>3</sup>	EN ISO 12185
Freezing point	-22 °C	ISO 3016
Coefficient of friction	0,12	
Expiry date	5 év	
Size	650 ml	

### FIELDS OF USE

- milk factories
- bottling factories
- cardboard manufactures
- slaughterhouses
- canneries
- bakeries
- beer factories
- loosens rusty screws, nuts, valves, pistons and moving components
- removes oil, tar stains and used greases
- protects tools and machines
- provides optimal working conditions

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

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# MASTERCHEM FS SOLVE 500

## GREAT EFFICIENCY CLEANER AND DEGREASER



masterchem



strong degreasing effect



leaves no marks



extremely fast evaporation

NSF K1 - No. 162279

### DESCRIPTION

The Masterchem FS Solve 500 is an NSF registered, great efficiency solvent degreaser for cleaning and prepping surfaces. It has a high-speed evaporation formula with high KB index (solvent power). Suitable for complex cleanings. Gently removes stubborn greases, oils, dirt, graphite. Degreases mechanical parts, plastics and is perfect for industrial maintenance. Cleans inactive electric apparatus too. Removes ink, glue and resin. Excellent brake cleaner. Preps surfaces before applying glue, paint or decoration. Not solvent-intolerant. Has 50 000 volt abort-speed (according to IEC 156. regulation). Can be used to degrease electric motors, it does not affect insulating polishes.

### TECHNICAL DETAILS

DESCRIPTION	Values	Standard
Density on 25 °C	750 kg/m <sup>3</sup>	NF EN ISO 12185
Freezing point	-30 °C	ISO 3016
Appearance	Mild scent, colorless, liquid	
Expiry date	5 years	

### FIELDS OF USE

- installing factories
- engineering
- metal processing
- maintenance workshops
- precision mechanical maintenance
- car and airplane industry
- steel industry
- surface treatment
- great solvent for brake fluids, grease, oils, road contamination and accumulated crust
- dissolves most organic substances, glues ( even aerobic ones: liquids, gels or pastes), UV glues and non-mesh resin

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

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A close-up photograph of several interlocking metal gears. The gears are made of a dark, polished metal, likely steel, and are shown in a state of motion or about to engage. The lighting is dramatic, highlighting the sharp edges of the teeth and the smooth surfaces of the gear bodies. An orange rectangular overlay is positioned in the upper left quadrant, containing white text. The background is a deep blue, which makes the metallic gears stand out.

Lubricating, greasing  
products



# MASTER CUT

CUTTING-DRILLING BROACHER



masterchem



protects from corrosion



reduces work time



protects the surface

## DESCRIPTION

The MASTER CUT oil was designed for metal cutting. Great quality and power. Provides rapid cutting rate. Makes the tools more long-lasting. Fields of use: cutting, sawing, cut, milling, drilling, broaching. Can be used with iron or non-iron metals, high or medium carbon content steel alloys, nickel or nickel alloys and 18/10 manganese steel and also provides complete corrosion protection.

## MANUAL

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Apply from 10 cm distance.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! **EXTREMELY FLAMMABLE!**

## SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
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E-mail: info@pentasol.hu



# MASTER LUBE DARK

## MOLYBDENUM DISULFIDE LUBRICANT



masterchem



corrosion preventing



resists high temperature



water resistant

### DESCRIPTION

The MASTER LUBE DARK is the perfect lubricant for heavily used metal components and surfaces. Suitable for reducing friction. It is black due to its molybdenum disulfide content. Can be applied when installing steering boxes and ECUs in cars. Can grease screws, bearings and rails or metallurgy machines.

### MANUAL

Prior to application clean the surface then spray the product from 25 cm distance. Thanks to its blowgun it reaches hardly accessible areas.

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! **EXTREMELY FLAMMABLE!**

### SIZE

400 ml  
12/box

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# MASTER LUBE DRY

DRY LUBRICANT WITH PTFE CONTENT



**masterchem**

-  PTFE high dry lubricant content
-  antistatic
-  heat range: -50 °C - +320 °C
-  creates dry, homogenous, white film

## DESCRIPTION

The MASTER LUBE DRY is a dry lubricant with PTFE content. It creates a dry, even, white film layer and strong adhesion. Dries extremely fast and resists dust. Works just as well in acidic or alkaline environment.

Fields of use: lubricating plastic industry machines, boilers, moving components of ovens, plastic industrial mold release, installation of bearings, pins and threads of machine tools. Great substitute for release agents with molybdenum and silicon that leave marks, attracts dust and dirt. Lubricant of screws, bearings, pulleys, hinges, components with thread, springs, rollers, locks and rails of metallurgical machines.

In mechanical work: extrusion, cold forging and cutting threads

## WARNINGS

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Clean the surface then apply from 15 cm distance.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

## DESCRIPTION

400 ml  
12/box

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# MASTER LUBE PTFE

WET LUBRICANT WITH PTFE CONTENT



masterchem

PTFE

contains Teflon



water resistant



excellent spreading

## DESCRIPTION

The MASTER LUBE PTFE is an aerosol for general lubrication. Used mainly in engineering with all sorts of components where a PTFE silicone quality lubricant is needed. Spreads well and has a high tensile strength. Dielectric, insulating, protective and does not merge. Can be used with components diving into water. Great lubricant for industrial chains, gears, ball-bearings and other moving elements.

## MANUAL

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Clean the surface then apply from 30 cm distance.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! **EXTREMELY FLAMMABLE!**

## SIZE

400 ml  
12/box

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# MASTER LUBE WHITE

## WHITE GREASE AEROSOL



masterchem



extreme pressure  
resistant additive



water resistant



spreads well

### DESCRIPTION

The MASTER LUBE WHITE is a perfect lubricant for industrial chains, gears, ball bearing, doors, windows, ship components, conveyor tracks where a synthetic lubricant is needed. It is a great product for general lubrication. Mainly used in engineering with all sorts of mechanical components that need synthetic lubricant.

### MANUAL

Apply the product from 15 cm distance. Thanks to its blowgun it reaches hardly accessible areas and is more effective.

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

### SIZE

400 ml  
12/box

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E-mail: info@pentasol.hu

# MASTER SCREW

## SCREW RELEASE SPRAY



masterchem



spreads well



extremely effective



gentle on surfaces

### DESCRIPTION

The MASTER SCREW is a screw release aerosol with intense capillary activity and spreads beyond average. Demolishes bonds that seem unbreakable. After demolishing, it protects the surface from rusting. It has long-lasting corrosion protectant effect and does not harm metals and plastics.

### MANUAL

Apply MASTER SCREW to the bonds you wish to demolish. In case of extreme rust repeat the process until the surface gets wet. The screw release absorbs and its capillary activity makes the product penetrate into the deepest pores. Even after a few minutes the rustiest components can be dismantled. After the cleaning treatment the surface will be protected from corrosion. If necessary, the product can be fully removed.

### WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

### SIZE

400 ml  
12/box

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# MASTER SIL 250

FLUID SILICON AEROSOL



masterchem



antistatic effect



water resistant



excellent release agent

## DESCRIPTION

The MASTER SIL 250 can be used in rubber and plastic industry, industrial binding, printing, serigraphy, leather processing and in tailoring. Helps remove rubber and plastic from stickers. Lubricant of knives cutting paper and polyethylene. Antistatic and makes gliding easier.

## MANUAL

The product shall be stored in its original container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

## SIZE

400 ml  
12/box

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# MASTER CU 1000

ANTI-SEIZE COPPER PASTE



**masterchem**



extreme heat-resistance



corrosion preventing



stands extreme environmental conditions

## DESCRIPTION

The MASTER CU 1000 is a premium quality copper grease that is designed for industrial components exposed to harsh environmental conditions. Prevents seizures and makes disassembling possible. Electric conductor. Suitable for lubricating current conductors under low voltage. Stands shearing and vibration. Just as effective in a thin layer. Does not contain nonmetals and nitrites. Effectively prevents corrosion and resists acidic environmental conditions.

## TECHNICAL DETAILS

Features	Values	Standard
Density on 25 °C	995 kg/m <sup>3</sup>	NF T 30 020
Resistance to water's leaching on 80 °C	<0.5 by weight	ASTM 1264
Kinematic viscosity on 40°C	140 mm/s <sup>-1</sup>	NF EN ISO 3104
Expiry date	5 years	
Size	1 liter	cartidge
Heat range	-30°C - +1100°C	

## FIELDS OF USE

Lubricant for drill bits, connectors, tools and low-, medium-, high-voltage electric connectors. Also works with current conductors and central plates of bogies. Lubricates components of foundry ejectors, hot rolling and bending machines. Works just as well with turbines, internal combustion engines, compressors and gas generators when assembling them or with mechanical plugs and sealing braids when lubricating them.

## SIZE

1 liter  
6/box

PENTASOL HUNGARY KFT.  
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E-mail: info@pentasol.hu

# MASTER HIGH TEMP LUBE

ANTI-ETCHING COPPER CONTENT AEROSOL



**masterchem**



heat resistant up to +1000 °C



electric conductor



water resistant

## DESCRIPTION

The MASTER HIGH TEMP LUBE is a copper based installing aerosol with a heat resistance ranging to +1000 °C and water resistance too that allows its usage on wet areas as well. Resists water and sea water. Hinders placement and corrosion formation between different metals, etching, seizure and cold welding. It is specially designed for such work where sparks may cause explosion. Does not damage rubber and plastic. Thanks to its electric conductivity it is suitable for lubricating screws of electric installations and gliding connections. Because of its copper content it can ennoble plugs. An indispensable product where assembling and disassembling components is wished to be done without high costs.

## FIELDS OF USE

chemical industry factories – oil refineries – power plants – mines – railway – army – vehicle repair – spark plug – electric apparatus – machine maintenance – boilers and gas turbines – cranes

## MANUAL

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Apply the product in a thin layer to the area where the components touch and then assemble them.

## STORING

The MASTER HIGH TEMP LUBE shall be stored in its original container between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place

## SIZE

400 ml  
12/box

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# Protective, penetrating products



# MASTER LD 1000

LEAKAGE SENSOR SPRAY



masterchem



spreads well



biodegradable

## DESCRIPTION

Gel consistency leakage sensor aerosol. Has corrosion preventing content so it can be used on all surfaces. Thanks to its consistency it can be applied to vertical surfaces. Extremely sensitive so it signals micro-leakages as well. The product is not combustible so it can be safely combined with gases. Its expiry date is 5 years and lasts very well due to its good quality bottle.

## TECHNICAL DETAILS

Features	Values	Standard
Density on 25 °C	1002 g/l	NF EN ISO 12185
Appearance/ color	Gel/ amber	
Freezing point	-11°C	ASTM D 97
Concentration of agents	97 %	
Luminosity on 20 °C	21.9 dyn/cm	ISO 6295
ph (clean)	8.3	NF T90-008
Hydrocarbon content	0 %	LPCH
Phosphate content	0 %	LPCH

## FIELDS OF USE

To examine leakage in tanks, rakes or dynamic joints. Recommended for casings, screwed rakes, weld seams, plugs, hoses, quick-release couplings, barometers, valves, compressor tanks, radiators, distributors, ACs, heat exchangers, gas cylinders and pressure reducer valves.

## MANUAL

Shake the bottle vertically before using then apply the product from 10-15 cm distance. The bottle can be held in any position, angle, it works.

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# MASTER TACKY BELT

FAN BELT ANTI-SLIP AEROSOL



**masterchem**



long-lasting effect



excellent adhesion



water resistant

## DESCRIPTION

The MASTER TACKY BELT was designed to meet expectations of modern fan belts. Can be used with all sorts of belts such as flat, round or trapezoid section, leather, rubber or textile. If the product is used on the inner surface of the belt, it improves its traction ability and eliminates slipping and its noises. Regular use protects from ageing and preserves its flexibility. It resists surfaces getting wet. Does not harm surfaces, or leave stains, it resists dirt and prevents film forming. Especially effective with often starting and stopping modes and group belt drives.

## FIELDS OF USE

Industrial engines – Builder and road builder machines – mine machines – processing machines – agricultural machines – transporting and loading machines – mills – fans and compressors – AC apparatus – paper and textile industry machines – centrifuges – washing machines – vehicles

## MANUAL

For great spreading, apply the product while in motion onto the inner surface of the belt before it meets the dial. After 10 minutes of drying the surface will be protected. Based on the regularity of use, repeat the process.

## STORING

Keep the MASTER TACKY BELT in a cool, well-ventilated place, away from direct sunlight and heat, under 50 °C.

## SIZE

500 ml  
12/box

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# MASTER LEAK DETECTOR

ENVIRONMENT FRIENDLY LEAKAGE DETECTING AEROSOL



**masterchem**



environment friendly



biodegradable



does not contain CFC

## DESCRIPTION

The product is a leakage detective spray that is environment friendly and has biodegradable surfactant components. It was designed to signal leakage easily and safely in heating apparatus, pressure equipment, boilers, brim or thread pipe connections, gas cylinders, valves, gas pipelines and compressed air lines. Perfect for detecting hairline fractures. Compatible with steel, stainless steel, polyamide, polyethylene tubes and all kinds of gases even in low pressure. Contains corrosion preventing additives. Does not contain solvents, chlorinated or fluorinated hydrocarbons. It shows even the smallest fracture by forming a visible bubble.

## MANUAL

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Apply from 20 cm distance to the suspected leaking area. A bubble will form at the place of leaking.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

## SIZE

500 ml  
12/box

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# MASTER ANTIRUST SPRAY

## CORROSION PREVENTING SURFACE TREATMENT SPRAY



**masterchem**



water resistant



leaves no stain



forms thin film layer



silicon-free

### DESCRIPTION

The MASTERCHEM ANTIRUST SPRAY sticks to the surfaces in the form of a thin, transparent protective film. Water resistant and spreads well. In contact with water it does not form emulsion and can be applied after degreasing the surface. If necessary, the film layer can be easily removed with our MASTER SOLVENT. Metal surface protection last for about 1 year indoors, 3–6 months outdoors under roof, and 30 days without any cover. If longer protection is needed or the surface is exposed to harsh weather conditions, use the MC ANTIRUST OD.

### FIELDS OF USE

- pressing and injection molding tools
- processed or metal sprayed components
- polished surfaces
- protecting, lubricating plastics
- measuring instruments, tools
- transport protection

### MANUAL

Apply the product to the dry, dust-free surface. In case of electrical apparatus make sure to remove voltage! Protection is guaranteed after a few minutes of drying. In case of other surface treatments (painting, powder coating) the coat can be easily removed beforehand with MC SOLVENT.

### STORING/SIZE

The product shall be stored on between 5 and 50 °C. Do not leave it in the sun or in a frost-risk place.

500 ml  
12/box

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E-mail: info@pentasol.hu

# MASTER INOX+

STAINLESS STEEL AEROSOL



masterchem



forms even film layer

can be overpainted

surface protectant

## DESCRIPTION

The MASTER INOX + is a stainless steel spray that is ideal for covering steel soldering and painting, correcting tanks, gratings. Forms film layer that fixes and protects all stainless steel surfaces. Can be painted over or kept as a final protectant layer. Dries fast and withstands scratching, burnishing.

## MANUAL

Clean and degrease the potential parts. Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Spray it from 25 cm distance. After using, turn the bottle to the other side and spray a little more product to prevent plugging in the valve.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

## SIZE

400 ml  
12/box

PENTASOL HUNGARY KFT.  
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# MASTER ZINC

AEROSOL FOR COLD GALVANIZATION



**masterchem**



dries fast



forms microfilm layer



can be overpainted



protects from corrosion

## DESCRIPTION

The MASTER ZINC can be used for cold galvanizing any kinds of metal (industrial apparatus, tanks, tubes, fences). Allows cold galvanization without electrolysis. Can be used as a retouching agent in the galvanization industry. Easy to use, once it dries it forms a microlayer that can be painted or left as a final protectant layer. Also protects from rust and environmental conditions.

## MANUAL

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Spray it from 25 cm distance. After using, turn the bottle to the other side and spray a little more product to prevent plugging in the valve.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! EXTREMELY FLAMMABLE!

## SIZE

400 ml  
12/box

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E-mail: info@pentasol.hu





# Special Products



# MASTER ALU 900

## ALUMINUM ANTI-SEIZE PASTE



masterchem

ALU

12% solid lubricant content



corrosion preventing



heat range: -20 °C - 900 °C

### DESCRIPTION

Lubricating and corrosion preventing aerosol to be used on high temperature. Makes assembling easier and allows components exposed to high temperature or extreme environmental conditions to be installed and disassembled with ease. Effective in a thin layer too. Creates a homogenous film layer that provides long-lasting surface treatment and protection. Does not contain metal salts, non-metals and nitrites.

### TECHNICAL DETAILS

Features	Values	Standard
Density on 25 °C	990 kg/m <sup>3</sup>	NF T 30 020
Appearance / color	Paste/ aluminum	
Kinematic viscosity on 40 °C	140 mm <sup>2</sup> /s <sup>2</sup>	NF EN ISO 3104
Kinematic viscosity on 100 °C	100 mm <sup>2</sup> /s <sup>2</sup>	
Heat resistance (constant)	-20°C - +900°C	
Heat resistance (top)	-20°C - +1000°C	
Tightening torque on 20 °C	80 Nm	MIL A 907 E 80
Loosening torque on 450 °C	85 Nm	MIL A 907 E 80
Loosening torque on 750 °C	100 Nm	MIL A 907 E 80

### FIELDS OF USE

Can be used in most industries especially where there is high temperature: installing bolted joints and threaded components – joints of apparatus working with steam – mechanically assembling plugs – impregnating seal ropes – lubricating gliding components, bearings – lubricating hinges of ovens – lubricating cylinders of calipers – repairing clamps and electrodes of spot welders – coating aluminum molding machine tools – repairing compressors, turbines, engines, gas generators

### MANUAL

Shake the bottle for 30 seconds so its content mixes. Degrease the surface, then apply the product from 15-25 cm distance.

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# MASTER CERAM SPATTER

ADHESION PREVENTING WELDING SPRAY



masterchem



several hours protection



electric conductor



high ceramic content

## DESCRIPTION

The MASTER CREAM SPATTER protects the surface from getting splashed during welding. Its effect (even 8 hours) surpasses the mundane silicon-free release agents because it resists high temperature. It is also a great lubricant because it creates a thin, dry film layer and improves its resistance. It extends the usage of components by reducing the mechanical damages in the cleaning process. Can be used to lubricate rails or anywhere else where dry lubricating on high temperature is needed. The bottle contains 25% more product than regular 500 ml bottles. Thanks to its packaging the amount of waste reduces and so do the cost of disposal of it.

## FIELDS OF USE

Can be used for MIG/MAG manual, robotic and automatic torches and plasma cutting guns. Great product to protect devices, bumpers, fixers and rakes.

## MANUAL

Use it only on clean, non-greasy and dry surfaces. Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Apply it from 15 cm distance until it creates an even connected film layer.

## SIZE

500 ml  
12/box

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# MASTER SPATTER+

SPLASH PREVENTER FOR WELDING



**masterchem**



silicon-free



can be overpainted



very economical



no smoke exhausted

## DESCRIPTION

The MASTER SPATTER+ is a silicon-free spray that prevents splashing substances sticking onto the nozzle, the pieces and tools. Its content allows aftercare (galvanization, painting, chrome plating).

## MANUAL

Make sure you shake the bottle for 30 seconds before using and occasionally when using it to preserve its homogeneity. Apply from 20-25 cm distance to the nozzle of the welding device or the surface to be welded or cut.

## WARNINGS

There is an overpressure in the bottle! Keep it at a maximum 50 °C temperature place. Do not open, hit, stab the bottle or expose it to temperatures higher than 50 °C, direct sunlight, heat nor do you throw it into fire even in an empty state! Avoid the eye area or breathing it in! Do not spray it on a naked flame or incandescent materials! Keep it away from potential fire risk and do not smoke while using it! Keep it away from children! Only for industrial use! Use it in well-ventilated places only! The producer and distributor are not responsible for any inappropriate uses! **EXTREMELY FLAMMABLE!**

## SIZEEK

400 ml  
12/box

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**Damage controllers/  
Absorbents**



# MASTERCHEM SPAGEX 4.5

OIL ABSORBING SPAGHETTI STRIPS



**masterchem**

- » effective oil absorbing ability
- » water resistant

## DESCRIPTION

The MASTERCHEM SPAGEX 4.5 is made in a patent way so its pores can absorb oils and oil-based dirt even in the filtration system.

## MANUAL

The product is mainly used in filtration systems. Compatible with all sorts but best with activated carbon filter apparatus where it reduces the wear of the filter.

## PARAMETERS

Parameter	Value
Absorbing capacity	72 liter /egység
72 liter /unit	0,3 - 0,4 mm

## SIZE

4kg/unit

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# MASTERCHEM ROLDEX 2 UP

## PREMIUM QUALITY MULTIPURPOSE ABSORBING ROLLS



**masterchem**



- » **effective liquid absorbing ability**
- » **non-toxic or -reactive**
- » **premium quality, fluff-free body**

### DESCRIPTION

The MASTERCHEM ROLDEX 2 UP is perfect to use when absorbing oils, refrigerants, chemicals, solvents and water. The sheets have polypropylene seeds and both sides are covered with premium quality fiber layer and have a pattern of tiny holes. Thanks to such composition its absorption and resistance is very effective. Does not melt or tear even when it is impregnated, it is not toxic, reactive and acts rapidly. Flame resistant and does not burn immediately like cellulose. Can be cut into different sizes thanks to its perforated material and is very economical.

### MANUAL

Great for absorbing dripping, spillage. Especially suitable for laboratories, factories, workshops, sites and storages.

### PARAMETERS

Parameter	Value
Absorbing capacity	237 liter/unit
Sheet size	48cm x 4400cm

### SIZE

14,8 kg/unit  
Pieces per unit: 2 pieces (2x48cm)

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# MASTERCHEM ROLDEX 2 UE

## PREMIUM QUALITY MULTIPURPOSE ABSORBING ROLLS



**masterchem**



- » effective liquid absorbing ability
- » extremely strong surface
- » non-toxic or -reactive
- » premium quality, fluff-free body

### DESCRIPTION

The MASTERCHEM ROLDEX 2 UE is perfect to use when absorbing oils, refrigerants, chemicals, solvents and water. . Does not melt or tear even when it is impregnated, it is not toxic, reactive and acts rapidly. Endures walking and forklifting. Flame resistant and does not burn immediately like cellulose. It melts if exposed to high temperature during work. Due to its perforated material it only activates the most necessary amount of itself, so it is very economical.

### MANUAL

Great for absorbing dripping, spillage. Especially suitable for laboratories, factories, workshops, sites and storages.

### PARAMETERS

Parameter	Value
Absorbing capacity	134 liter/unit
Sheet size	48cm x 4400cm

### SIZE

11,2 kg/unit  
Pieces per unit: 2 pieces (2x48cm)

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# MASTERCHEM ROLDEX 2 MP

OIL ABSORBING ROLLS



**masterchem**



- » **effective oil absorbing ability**
- » **non-toxic or –reactive**
- » **water resistant**
- » **convex pattern for higher efficiency**

## DESCRIPTION

The MASTERCHEM ROLDEX 2 MP rolls effectively absorb oils, oil-content liquids, including lubricants and fuel while rejecting water. The pattern of the sheets evenly speeds up and improves liquid absorption on their whole surface. Flame resistant and does not burn immediately like cellulose. It melts if exposed to high temperature during work. It can absorb its own weight 16 more times. Can be used in- and outdoors as well. It floats on top of the water while absorbing oil from it. Will not sink even when fully absorbed with oil. Due to its perforated material it only activates the most necessary amount of itself, so it is very economical.

## MANUAL

Great for absorbing dripping, spillage. Especially suitable for factories, workshops, gas stations, sites, lakes, rivers, ports and open waters.

## PARAMETERS

Parameter	Value
Absorbing capacity	237 liter/unit
Sheet size	48cm x 4400cm

## SIZE

14,8 kg/unit  
Pieces per unit: 2 pieces (2x48cm)

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# MASTERCHEM ROLDEX 2 ME

OIL ABSORBING ROLLS



**masterchem**



- » **effective oil absorbing ability**
- » **non-toxic or –reactive**
- » **water resistant**

## DESCRIPTION

The MASTERCHEM ROLDEX 2 ME rolls effectively absorb oils, oil-content liquids, including lubricants and fuel while rejecting water. Flame resistant and does not burn immediately like cellulose. It melts if exposed to high temperature during work. It can absorb its own weight 16 more times. Can be used in- and outdoors as well. It floats on top of the water while absorbing oil from it. Will not sink even when fully absorbed with oil. Due to its perforated material it only activates the most necessary amount of itself, so it is very economical.

## MANUAL

Great for absorbing dripping, spillage. Especially suitable for factories, workshops, gas stations, sites, lakes, rivers, ports and open waters.

## PARAMETERS

Parameter	Value
Absorbing capacity	203 liter/unit
Sheet size	48cm x 4400cm

## SIZE

12,7 kg/unit  
Pieces per unit: 2 pieces (2x48cm)

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# MASTERCHEM ROLDEX 1 UP

PREMIUM QUALITY MULTIPURPOSE ABSORBING ROLLS



**masterchem**



- » effective liquid absorbing ability
- » non-toxic or -reactive
- » premium quality, fluff-free body

## DESCRIPTION

The MASTERCHEM ROLDEX 1 UP is perfect to use when absorbing oils, refrigerants, chemicals, solvents and water. The sheets have polypropylene seeds and both sides are covered with premium quality fiber layer and have a pattern of tiny holes. Thanks to such composition its absorption and resistance is very effective. Does not melt or tear even when it is impregnated, it is not toxic, reactive and acts rapidly. Flame resistant and does not burn immediately like cellulose. Can be cut into different sizes thanks to its perforated material and is very economical.

## MANUAL

Great for absorbing dripping, spillage. Especially suitable for laboratories, factories, workshops, sites and storages.

## PARAMETERS

Parameter	Value
Absorbing capacity	237 liter/unit
Sheet size	96cm x 4400cm

## SIZE

14,8 kg/unit  
Pieces per unit: 1 piece

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# MASTERCHEM ROLDEX 1 UE

PREMIUM QUALITY MULTIPURPOSE ABSORBING ROLLS



**masterchem**



- » effective liquid absorbing ability
- » extremely strong surface
- » non-toxic or -reactive
- » premium quality, fluff-free body

## DESCRIPTION

The MASTERCHEM ROLDEX 1 UE is perfect to use when absorbing oils, refrigerants, chemicals, solvents and water. Does not melt or tear even when it is impregnated, it is not toxic, reactive and acts rapidly. Endures walking and forklifting. Flame resistant and does not burn immediately like cellulose. It melts if exposed to high temperature during work. Due to its perforated material it only activates the most necessary amount of itself, so it is very economical.

## MANUAL

Great for absorbing dripping, spillage. Especially suitable for laboratories, factories, workshops, sites and storages.

## PARAMETERS

Parameter	Value
Absorbing capacity	134 liter/unit
Sheet size	96cm x 4400cm

## SIZE

11,2 kg/unit  
Pieces per unit: 1 piece

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**masterchem**



- » **effective oil absorbing ability**
- » **non-toxic or -reactive**
- » **water resistant**
- » **convex pattern for higher efficiency**

### DESCRIPTION

The MASTERCHEM ROLDEX 1 MP rolls effectively absorb oils, oil-content liquids, including lubricants and fuel while rejecting water. The pattern of the sheets evenly speeds up and improves liquid absorption on their whole surface. Flame resistant and does not burn immediately like cellulose. It melts if exposed to high temperature during work. It can absorb its own weight 16 more times. Can be used in- and outdoors as well. It floats on top of the water while absorbing oil from it. Will not sink even when fully absorbed with oil. Due to its perforated material it only activates the most necessary amount of itself, so it is very economical.

### MANUAL

Great for absorbing dripping, spillage. Especially suitable for factories, workshops, gas stations, sites, lakes, rivers, ports and open waters.

### PARAMETERS

Parameter	Value
Absorbing capacity	237 liter/unit
Sheet size	96cm x 4400cm

### SIZE

14,8 kg/unit  
Pieces per unit: 1 piece

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**masterchem**



- » **effective oil absorbing ability**
- » **non-toxic or -reactive**
- » **water resistant**

## DESCRIPTION

The MASTERCHEM ROLDEX 1 ME rolls effectively absorb oils, oil-content liquids, including lubricants and fuel while rejecting water. Flame resistant and does not burn immediately like cellulose. It melts if exposed to high temperature during work. It can absorb its own weight 16 more times. Can be used in- and outdoors as well. It floats on top of the water while absorbing oil from it. Will not sink even when fully absorbed with oil. Due to its perforated material it only activates the most necessary amount of itself, so it is very economical.

## MANUAL

Great for absorbing dripping, spillage. Especially suitable for factories, workshops, gas stations, sites, lakes, rivers, ports and open waters.

## PARAMETERS

Parameter	Value
Absorbing capacity	203 liter/unit
Sheet size	96cm x 4400cm

## SIZE

12,7 kg/unit  
Pieces per unit: 1 piece

# MASTERCHEM PADEX 100 UP

LOW MELTING PREMIUM QUALITY MULTIPURPOSE ABSORBING SHEET



**masterchem**



- » **effective absorbing ability**
- » **premium quality fluff-free body**
- » **non-toxic or -reactive**

## DESCRIPTION

The MASTERCHEM Padex 100 UP is perfect to use when absorbing oils, refrigerants, chemicals, solvents and water. The sheets have polypropylene seeds and both sides are covered with premium quality fiber layer and have a pattern of tiny holes. Thanks to such composition its absorption and resistance is very effective. Does not melt or tear even when it is impregnated, it is not toxic, reactive and acts rapidly. Flame resistant and does not burn immediately like cellulose. Can be cut into different sizes thanks to its perforated material and is very economical.

## MANUAL

Great for absorbing dripping, spillage. Especially suitable for laboratories, factories, workshops, sites and storages.

## PARAMETERS

Parameter	Value
Absorbing capacity	86 liter/unit
Sheet size	43cm x 48cm

## SIZE

7,2 kg/unit  
Sheets per unit: 100 sheets

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# MASTERCHEM PADEX 100 UE

## MULTIPURPOSE ECO ABSORBING SHEET



**masterchem**



- » effective liquid absorbing ability
- » extremely strong surface
- » non-toxic or –reactive
- » premium quality, fluff-free body

### DESCRIPTION

The MASTERCHEM Padex 100 UE is perfect to use when absorbing oils, refrigerants, chemicals, solvents and water. The sheets have polypropylene seeds and both sides are covered with premium quality fiber layer and have a pattern of tiny holes. Thanks to such composition its absorption and resistance is very effective. Has an extremely strong, grey surface that is step-resistant. Does not melt or tear even when it is impregnated, it is not toxic, reactive and acts rapidly. Flame resistant and does not burn immediately like cellulose. Can be cut into different sizes thanks to its perforated material and is very economical.

### MANUAL

Great for absorbing dripping, spillage. Especially suitable for laboratories, factories, workshops, sites and storages.

### PARAMETERS

Parameter	Value
Absorbing capacity	86 liter/unit
Sheet size	43cm x 48cm

### SIZE

6 kg/unit  
Sheets per unit: 100 sheets

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# MASTERCHEM PADEX 100 MP

## EXCELLENT QUALITY OIL ABSORBING SHEET



**masterchem**



- » **excellent absorbing ability**
- » **water resistant**
- » **premium quality fluff-free body**
- » **non-toxic or –reactive**

### DESCRIPTION

The MASTERCHEM Padex 100 MP is perfect to use when absorbing petroleum based dripping and spillage. The sheets have polypropylene seeds and both sides are covered with premium quality fiber layer and have a pattern of tiny holes. Thanks to such composition its absorption and resistance is very effective. Effectively absorb oils, oil-content liquids, including lubricants and fuel while rejecting water. It is not toxic, reactive and acts rapidly. It floats to clean spillages on the water surface. Flame resistant and does not burn immediately like cellulose. It melts if exposed to high temperature during work. It can absorb its own weight 25 more times. Can be cut into different sizes thanks to its perforated material and is very economical.

### MANUAL

Especially suitable for factories, workshops, gas stations, sites, lakes, rivers, ports and open waters.

### PARAMETERS

Parameter	Value
Absorbing capacity	115 liter/unit
Sheet size	43cm x 48cm

### SIZE

7,2 kg/unit  
Sheets per unit: 100 sheets

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# MASTERCHEM PADEX 100 ME

## OIL ABSORBING SHEET



**masterchem**



- » **excellent absorbing ability**
- » **water resistant**
- » **100% polypropylene and perforated**
- » **non-toxic or –reactive**

### DESCRIPTION

The MASTERCHEM Padex 100 MP is perfect to use when absorbing petroleum based dripping and spillage. Effectively absorb oils, oil-content liquids, including lubricants and fuel while rejecting water. It is not toxic, reactive and acts rapidly. It floats to clean spillages on the water surface. Flame resistant and does not burn immediately like cellulose. It melts if exposed to high temperature during work. It can absorb its own weight 25 more times. Can be cut into different sizes thanks to its perforated material and is very economical.

### MANUAL

Especially suitable for factories, workshops, gas stations, sites, lakes, rivers, ports and open waters.

### PARAMETERS

Parameter	Value
Absorbing capacity	99 liter/unit
Sheet size	43cm x 48cm

### SIZE

6 kg/unit  
Sheets per unit: 100 sheets

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# MASTERCHEM P10

OIL ABSORBING BITS



**masterchem**



- » water resistant
- » extreme oil absorbing ability

## DESCRIPTION

The MASTERCHEM P10 are small sized 100% polypropylene bits that can get into the tiniest fractures and achieve complete cleanness even in the hardly accessible areas as well. Only absorb petroleum based substances while rejecting water. Due to their material they can absorb their own weight 25 times.

## FIELDS OF USE

The product is perfectly suitable for absorbing any kind of petroleum based liquids even in hardly accessible areas. Pair it with any of our absorbents for a 100% cleanness or use it on its own.

## PARAMETERS

Parameter	Value
Absorbing capacity	160 liter / unit
Bit diameter	1 - 2 cm

## SIZE

10 kg/bag

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# MASTERCHEM OSK 104 C

## OIL ABSORBING KIT IN A WHEELED CONTAINER



**masterchem**

- » rapid, practical
- » water resistant
- » excellent oil absorbing ability
- » 100% polyethylene light container

### DESCRIPTION

The MASTERCHEM OSK 104 P has bold, yellow lid that is easily noticeable even from a distance. The hinged lid allows easy access and keeps the content clean and dry until using. Only absorb petroleum based substances while rejecting water.

### MANUAL

To avoid the spillage from further spreading surround the spilled petroleum based liquid with the oil absorbing socks then start dabbing it with the appropriate absorbing tool. The container can serve as a temporary storage and transporter for the tools absorbed with oil.

### PARAMETERS

Parameter	Value
Absorbing capacity	90 liter/unit
Weight	18 kg / unit
Volume of the container	100 liter

### CONTENT

- 9 kg Absorbing granules
- 1 glass of 200 ml biodegradable degreasing concentrate (can be diluted in the ratio of 1:50)
- safety goggles
- 1 wheeled container
- 1 detachable broom
- 1 detachable grip (for the broom)
- 3 plastic bags
- 4 oil absorbing socks, 7.5 x 120
- 20 Low Melting Premium Quality Multipurpose Absorbing Sheet, 43 x 48 cm

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# MASTERCHEM OG 30

RECYCLED OIL ABSORBING PAPER GRANULES



**masterchem**



- » effective fluid absorbing ability
- » non-flammable
- » made of environment friendly recycled material
- » economical

## DESCRIPTION

The MASTERCHEM OG 30 granules are designed to absorb a huge amount of fluid. If they happen to get in contact with lubricants they still will not harm the machines thanks to their mellow structure. Very economical, can absorb their own weight 3 times. They are made of completely recycled materials.

## MANUAL

The product is perfect for absorbing drippings and spillages. Especially suitable for factories, workshops, garages and laboratories. Absorbs oils, refrigerants, solvents, water and chemicals.

## PARAMETERS

ABSORBING CAPACITY	BULK DENSITY	BIT SITZE
9 LITER / BAG	30 liter/ bag	0,5 - 5 mm

## SIZE

9 kg/bag

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# MASTERCHEM MSK 203 B

## OIL ABSORBING KIT



**masterchem**



- » rapid, practical
- » water resistant
- » excellent oil absorbing ability

### DESCRIPTION

The MASTERCHEM MKS 203 B is a very effective and practical kit. It contains every essential tool to end oil leaking, spillage and dripping in hardly accessible areas. The work space can be safe and clean again by using the kit. All the tools absorb petroleum based fluids only while rejecting water. Absorbing capacity: 35-45 liter, depending on the viscosity of the oil to be absorbed.

### MANUAL

To avoid further spreading of the spillage, surround it with the oil absorbing socks, then start dabbing it with the sheets. The large bag can serve as a temporary storage and transporter for the tools absorbed with oil due to its material.

### PARAMETERS

Parameter	Value
Absorbing capacity	35 - 45 liter/unit
Weight	3,1 kg / unit
Length / width / height	50cm x 50cm x 20cm

### CONTENT

- Robust bag, 50 cm x 50 cm x 20 cm
- 3 oil absorbing socks, 7,5 x 120 cm
- 20 Low Melting Premium Quality Multipurpose Absorbing Sheet, 43 x 48 cm
- 3 PVC bags
- 1 pre-mixed plugging and unplugging cloth, 0,5 kg
- 1 pair of gloves

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# MASTERCHEM DTU 25

MULTIPURPOSE BARREL LID ABSORBENT



**masterchem**



- » **rapid, multipurpose**
- » **non-toxic or -reactive**
- » **absorbing capacity: 25 times its own weight**

## DESCRIPTION

The MASTERCHEM DTU 25 are sheets with pump wholes that perfectly fit the top of 200 ml barrels. They prevent oily drops, spillages from accumulating on the lids. Thanks to their multipurpose material they absorb and keep oils, refrigerants, solvents, water and many other chemicals. Are flame resistant and do not burn immediately like the cellulose mat. They melt if exposed to high temperature during work. The surface of the cushion provides rapid absorption. No liquids or fiber residue left.

## MANUAL

Place the cushion on top of the lid fitting the pump holes. Then change it based on how full it is with liquids or when you feel like for complete cleanness.

## PARAMETERS

Parameter	Value
Absorbing capacity	38 liter / unit
Diameter of the cushion	55 cm

## SIZE

3,2 kg/unit  
25 pieces

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# MASTERCHEM DTO 25

## MULTIPURPOSE BARREL LID ABSORBENT



**masterchem**



- » **rapid, multipurpose**
- » **non-toxic or -reactive**
- » **absorbing capacity: 25 times its own weight**

### DESCRIPTION

The MASTERCHEM DTO 25 are sheets with pump wholes that perfectly fit the top of 200 ml barrels. They prevent oily drops, spillages from accumulating on the lid. They only absorb oil products. Are flame resistant and do not burn immediately like the cellulose mat. They melt if exposed to high temperature during work. The surface of the cushion provides rapid absorption. No liquids or fiber residue left.

### MANUAL

Place the cushion on top of the lid fitting the pump holes. Then change it based on how full it is with liquids or when you feel like for complete cleanness.

### PARAMETERS

Parameter	Value
Absorbing capacity	51 liter/unit
Diameter of the cushion	55 cm

### SIZE

3,4 kg /unit  
25 pieces

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# MASTERCHEM DPPO

## OIL ABSORBING TRAY



**masterchem**



- » rapid, easy to use
- » excellent oil absorbing ability

### DESCRIPTION

The MASTERCHEM DPO cushions are perfect to soak leakage and spillage coming from machines and tubes by placing them in the drain pans. They are very fast and effective. They are refillable, consequently very economical as well.

### MANUAL

Place the drain pan and cushion under the leakage, spillage. Do not move the pan but change the oily absorbent cushion. The product is filled with 100% polypropylene for maximal efficacy.

### PARAMETERS

Parameter	Value
Absorbing capacity	64 (liter / unit)
Size of the cushions	25cm x 25cm x 8cm

### SIZE

5 kg/unit  
Cushions: 20 pieces  
Drain pan: 4 pieces

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# MASTERCHEM DPPO R

OIL ABSORBING CUSHION REFILL



**masterchem**



- » rapid, practical refilling
- » excellent oil absorbing ability

## DESCRIPTION

The MASTERCHEM DPPO R refill package/oily drain cushions are suitable for soaking leakage and spillage from machines and tubes.

## MANUAL

Use the pan constantly but change the oily absorbent cushion. The product is filled with 100% polypropylene for maximal efficacy.

## PARAMETERS

Parameter	Value
Absorbing capacity	64 (liter / unit)
Size of the cushions	25cm x 25cm x 4cm

## SIZE

4 kg/unit  
20 pieces

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# MASTERCHEM GRANABS

HIGH EFFICACY OIL ABSORBING AND LIQUID-BINDING ABSORBENT



**masterchem**



- » **takes smells away**
- » **excellent liquid absorbing**
- » **safe**

## DESCRIPTION

The MASTERCHEM GRANABS is perfect for binding and absorbing oil derivatives, fuels, acids, lye, organic solvents, chemicals, liquids, hazardous waste, toxics and pesticides. A great advantage of the product is that it preserves all the absorbed fluid so it is movable, portable and storable. The calcined and granulated diatomite with great inner porosity can absorb thick, viscous liquid-components, while the zeolite binds harmful aromatic and other components.

## RECOMMENDED FIELDS OF USE

- factories, workshops
- laboratories
- oil wells
- storing and transporting hazardous liquids
- garages

## SIZE

20 kg/bag

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# MASTERCHEM BARISUMP 10 M

## OIL ABSORBING MINE BLOCKS



**masterchem**



- » rapid, easy to use
- » water resistant
- » chemically resistant material
- » excellent oil absorbing ability

### DESCRIPTION

The MASTERCHEM BARISUMP 10 M absorbs and preserves, oil and oil content liquids including lubricants and fuels while rejecting water. They float on top of the water and absorb oil based fluids that gather in the collecting mines and tanks.

### MANUAL

Thanks to the special hygroscopic material the cleaning process is rapid and easy. Put the floating blocs into any water based liquid. Their white color will visibly signal how full they are with oil.

### PARAMETERS

ABSORBING CAPACITY	LENGTH	DIAMETER
160 liter/ unit	50 cm	20 cm

### SIZE

8,6 kg /unit  
10 blocks/unit

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# MASTERCHEM BARISOCK M

## HYDROPHOBIC OIL ABSORBING SNAKES



**masterchem**



- » **excellent oil absorbing ability**
- » **chemical and tear resistant material**
- » **water resistant**
- » **flexible, easy to shape**

### DESCRIPTION

Thanks to its polypropylene hydrophobic filling the MASTERCHEM BARISOCK M can store and absorb oil base spillages in many different environments. The polyester cover has chemical resistance and great tensile strength. Absorbs and keeps oils and oil based liquids without water. Preserves liquids even when it is full. Suitable for surrounding machines, oil barrels in order to prevent further spreading and to absorb dripping oil or oil derivatives.

### MANUAL

To prevent further spreading surround the liquid, object, machine or tool to be protected with the MASTERCHEM BARISOCK M snakes. The product can remove dirt from different machines, apparatus and industrial floors and also absorb constant leakage. The product floats on the surface even in an impregnate state, so it is easily removable. The snakes surround the oil and prevent its spreading. They do not absorb rain so they can be used outdoors. Can also be used as a filter filling in oil interceptor and oil separator apparatus. Act immediately when in contact with liquids, no need to turn or move them.

### PARAMETERS

ABSORBING CAPACITY	LENGTH	DIAMETER
134 liter/ unit	122 cm	7,5 cm

### SIZE

8,4 kg/unit  
20 snakes/unit

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# MASTERCHEM BARISOCK M XXL

## HYDROPHOBIC OIL ABSORBING SNAKES



**masterchem**



- » **excellent oil absorbing ability**
- » **chemical and tear resistant material.**
- » **water resistant**
- » **flexible, easy to shape**

### DESCRIPTION

Thanks to its polypropylene hydrophobic filling the MASTERCHEM BARISOCK M XXL can store and absorb oil base spillages in many different environments. The polyester cover has chemical resistance and great tensile strength. Absorbs and keeps oils and oil based liquids without water. Preserves liquids even when it is full. Suitable for surrounding machines, oil barrels in order to prevent further spreading and to absorb dripping oil or oil derivatives.

### MANUAL

To prevent further spreading surround the liquid, object, machine or tool to be protected with the MASTERCHEM BARISOCK M XXL snakes. The product can remove dirt from different machines, apparatus and industrial floors and also absorb constant leakage. The product floats on the surface even in an impregnate state, so it is easily removable. The snakes surround the oil and prevent its spreading. They do not absorb rain so they can be used outdoors. Can also be used as a filter filling in oil interceptor and oil separator apparatus. Act immediately when in contact with liquids, no need to turn or move them.

### PARAMETERS

ABSORBING CAPACITY	LENGTH	DIAMETER
134 liter/ unit	300 cm	7,5 cm

### SIZE

8,4 kg/unit  
8 snakes/unit

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# MASTERCHEM BARIEX U

## MULTIPURPOSE ABSORBING SOCKS



**masterchem**



- › high absorption
- › chemical and tear resistant material
- › easy to shape

### DESCRIPTION

The MASTERCHEM BARIEX U is ideal for surrounding machines and absorbing spilled liquids. Has a strong material, effective absorbing ability and is easy to shape. Makes cleaning fast and simple.

### MANUAL

To prevent further spreading, surround the liquid, or the machine, object or tools to be protected with the socks. The socks absorb and hold oils, refrigerants, solvents, water and other chemicals.

### PARAMETERS

ABSORBING CAPACITY	LENGTH	DIAMETER
90 liter/ egység	122 cm	8 cm

### SIZE

7,5 kg/unit  
20 socks/unit

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# MASTERCHEM BARIBOOM 4 M

## OIL ABSORBING SAUSAGE



**masterchem**



- » water resistant
- » can be used on top of water and on the ground
- » compatible with every oil based product
- » rapid and easy installation

### DESCRIPTION

The MASTERCHEM BARIBOOM 4 M is a product that absorbs oils from the water or the ground before they start spreading. It floats on top of liquids and absorbs oils but works on the ground as well. There is a rope inside the sausages that allows easier installation and collecting them when they did their tasks. They also have strong, metal staples that secure the sausages for a length and greater efficacy. The polypropylene filling is chemically resistant and hydrophobic and can absorb and keep oils in many different environment. They keep the absorbed liquids even in a fully impregnate state. The stiff outer net resists dirt and harmful debris while remaining flexible. They effectively absorb oils, oil-content liquids, including lubricants and fuel while rejecting water. Due to their white color they are easily noticeable outdoors as well.

### PARAMETERS

Parameter	Value
Absorbing capacity	288 liter/unit
Weight	18 kg / unit
Length / diameter	300 cm / 20 cm

### SIZE

4 sausages/unit

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# MASTERCHEM AU 1000

MULTIPURPOSE ABSORBING GRANULES



**masterchem**



- » can be used on roads
- » remain grain even when impregnate
- » absorb oils, chemicals, strong acids

## DESCRIPTION

The MASTERCHEM AU 100 is a fast acting and safe (chemically non-reactive) absorbing product: all kinds of chemicals (except for hydrogen fluoride) water, oils and other chemical products absorb from the hard surface and get into the porous structure of the granules. The product works fast and saves time. Thanks to its high absorbing capacity only a smaller amount already works and reduces waste production. The granules are not slippery when impregnate. Natural mineral product. Not water resistant and does not float on top of the water.

## FIELDS OF USE

The product can be used in- and outdoors as well due to its bigger grain size (1-3 mm). Can be used to prevent and maintain. Great for cleaning industrial floors or removing oil from the roads, motorways.

## PARAMETERS

Parameter	Value
Absorbing capacity	8,3 (liter heating oil/unit)
Bulk density	485 (g/liter)
Size of the granules	1 - 3 mm

## SIZE

9,5 kg/bag

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# MASTERCHEM AP 2000

## ABSORBING GRANULES



**masterchem**



- » acts rapidly
- » chemically non-reactive
- » safe

### DESCRIPTION

The MASTERCHEM AP 2000 is great for industrial use and remains grainy even when fully impregnate. Absorbs and locks all kinds of chemicals, water, oils and other chemical products (except for fluorinated hydrochloric acid) into the porous structure of the grains. . The product works fast and saves time. The granules are not slippery when impregnate. Natural mineral product. Not water resistant and does not float on top of the water.

### MANUAL

The MASTERCHEM AP 2000 removes oils, chemicals and strong acids except for hydrochloric acid. Can be used to prevent and maintain. Thanks to its high absorbing capacity only a smaller amount already works and reduces waste production.

### PARAMETERS

ABSORBING CAPACITY	Bulk density	Size of the granules
12,7 liter/ bag	489 (g/liter)	0,5 - 1 mm

### SIZE

9,5 kg (20 LITER)/bag

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# Hygienic products





# MASTERCHEM HC

CONCENTRATED SKIN CLEANSER AND CONDITIONING LIQUID



**masterchem**



strong



easy to dilute



does not dry hands

## FIELDS OF USE

- Industry
- Health care
- Institutions (schools, kindergartens)
- Catering industry
- Bath houses, swimming pools
- Offices

## MANUAL

Regarding the usage, dilute the product with water in the ratio of 1:7 and apply it to the skin with dry hands. Scrub it into the skin then rinse it with water. The liquid soap is very gentle and soft on the skin.

## DILUTION

Amount of dirt	Ratio	Demonstration
Dispenser	1 : 7	7 liter water, 1 liter concentrate
Greasy, oily	1 : 4	4 liter water, 1 liter concentrate
Extremely greasy, sooty	1 : 1	1 liter water, 1 liter concentrate

## STORING/SIZE

Store it in a frost-free place! If kept in a low-temperature place the product can get dense or its components can separate. This does not affect the efficiency of the product as long as we store it at room temperature and mix it well before using.

5 liter  
30 liter

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# MASTERCHEM HC ORANGE

HIGH EFFICIENCY HAND CLEANER WITH ORANGE OIL AND SCRUB SPECKS



**masterchem**



economical



extremely effective



pleasant scent

## DESCRIPTION

The MASTERCHEM HC ORANGE hand cleaner effectively removes greasy, oily and other industrial impurities from the skin. Thanks to its natural agent, orange oil and lanolin content it does not dry the hands while cleaning them fairly effectively. Nourishes the skin and leaves it soft and nice scented.

## MANUAL

Based on the level of impurity, apply a scoop or half a scoop of product to the wet hands and massage it in. Foam it up then rinse with water.

## FIELDS OF USE

Suitable for everyday use or people of certain jobs but especially for people working in:

- Engineering
- Car workshops
- Scheduled Maintenance workshops
- Factories
- Storages

## STORING/SIZE

Keep it in a frost-free place at room temperature in its original, unopened package. Expiry date is one year.

1 liter  
10 liter

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