

# SPECIAL CLEANERS

AND SPECIALIST QUALITY PRODUCTS



***Metaflex***<sup>®</sup>

— THE PROBLEM-SOLVERS

**Metaflux**<sup>®</sup>



The triumphant march of the new aerosol technology began in Europe in 1955, with the first businesses being established specifically to manufacture sprays. For the next 20 years, this new sector concentrated on putting existing liquids and active ingredients into spray cans. In 1975, the Swiss company METAFLUX AG brought out a completely new design of spray, one which for the first time ever, enabled problem-free coating of steel with zinc, achieving quality levels that exceeded all international standards. In the years that followed METAFLUX took the development of metallic sprays further, using aluminium, stainless steel, brass, copper and titanium for surface coating and also developing metal-containing lubricating pastes.

At the same time, the German METAFLUX sales organisation TECHNO-SERVICE, GmbH in Bielefeld was being developed; the company has steadily adapted its office and storage areas to the expanding capacity requirements of its domestic and export business. In tandem with the development of the Metaflux sales organisation came the expansion of the product portfolio to include special cleaners as liquid products. Existing experience in the development, production and marketing of chemical products was put to good use here.

Today the range of special cleaners from Metaflux comprises, over 40 different cleaners, from an acid power cleaner to a universal cleaner to an alkali product for removing smoke stain deposits.

Just as is the case with sprays, the cleaners are also being continuously improved, in order to make the products kinder to the environment on the one hand, whilst also being even better adapted to customer requirements.

This means that every year sees fresh innovations added to the product range, with these METAFLUX principles remaining constant throughout:

- The highest possible technical quality
- The lowest possible air contamination in the work-place
- Maximum consideration for the environment

Strict respect for these principles guarantees that METAFLUX products will continue to be a leading international product range in future.

Your Metaflux customer number:



## Metaflux - compelling quality

Welcome to METAFLUX!

The combination of German and Swiss production and marketing companies creates an international brand with an emphasis on three principles worldwide:

- The highest possible technical quality
- A comprehensive production programme
- Individual customer advice and support

Metaflux products *repay the investment many times over*. Experience our high standards for yourself, and draw inspiration from this catalogue for any of the following:

- ▶ Metallic coatings
- ▶ Lubricants
- ▶ Multifunction sprays
- ▶ Welding protection
- ▶ Upkeep
- ▶ Maintenance
- ▶ Cleaning

We are pleased to offer on-site advice and assistance – just call us in!

Our outstandingly-trained technical consultants will be pleased to present our full range of products to you – naturally, without obligation.

**CHALLENGE US – WE DELIVER!**

# Quickfinder - by Product Description

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## Explanation of Symbols used

	Can be mixed up to 1: x		non-combustible		weather-resistant		Tenside degrades biologically, as per EU directives
	dermatologically tested		prevents leak current		prevents contact with air		water-repellent
	UV-stabilized		frost-resistant		suitable for use in food industry applications		does not require labelling under the German hazardous materials ordinance and EU directive
	VOC-free		VOC reduced		with NSF licensing		stainless steel

# Cleaners and how they work

## What are cleaners?

For centuries, soap proved sufficient, as an effective and universal washing agent, in satisfying the requirements demanded of cleaning materials.

Today, however, the wide variety of modern materials, each with different types of dirt, calls for appropriately-designed special cleaners.

These cleaners need to combine both effectiveness and suitability in terms of the environmental aspects of their use.

Through the synergy achieved from the interaction of different raw materials, such as tensides, complex-formers, solubilisers, process materials and builders, Metaflux cleaners guarantee effective yet environmentally compatible cleaning.

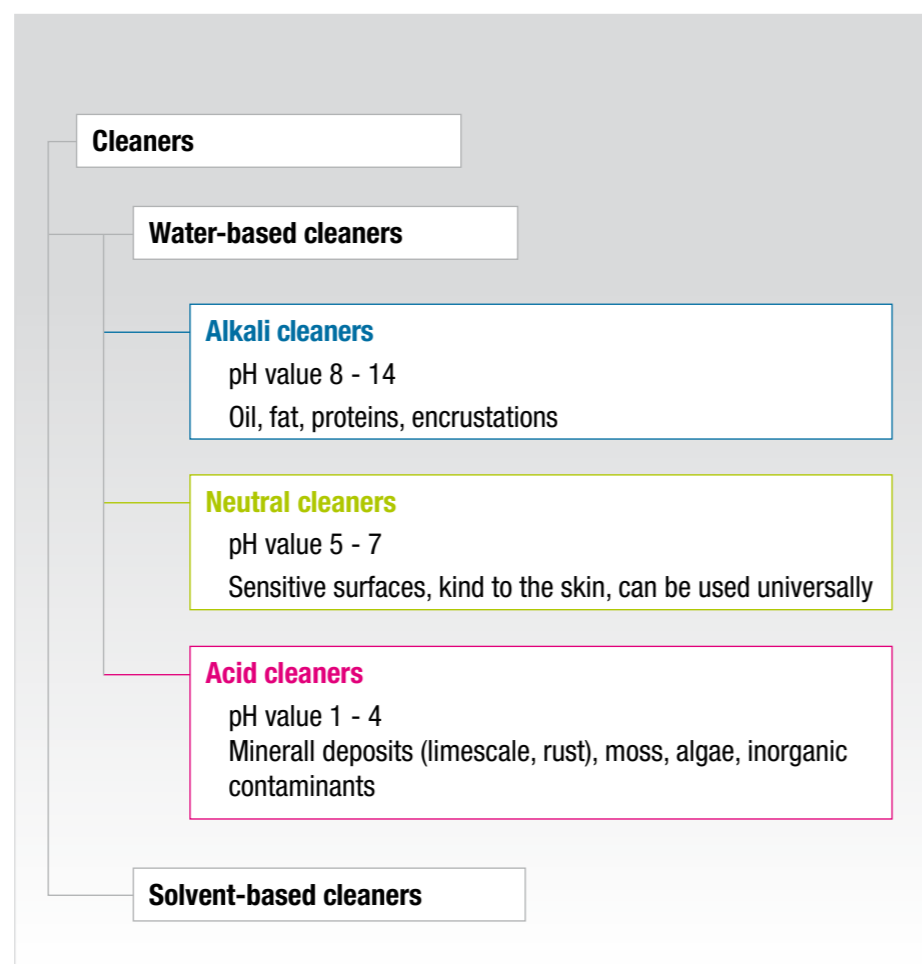


The right cleaning method and choice of product for a particular type of contamination needs to be determined on a case-by-case basis. Is it deep cleaning or just maintenance cleaning? What kind of dirt is it?

Our consultants are trained in these questions, and are on hand to advise you. The statements given in the catalogue are to be taken only by way of illustration.



## What types of cleaner are there?



## What function do tensides have in cleaners?

Tensides are surfactants (surface active agents) and consist of hydrophile (water-friendly) and lipophile (oil-friendly) molecular components.

Dirt is frequently greasy or oily and cannot be removed with water alone.

It is only by using surfactants (tensides) that water-repellent (hydrophobe) dirt marks of this kind can be lifted off and then encapsulated. After this, the dirt can be washed off with water.

## What function do solvents play in cleaners?

In those cases where water-based cleaners cannot be applied efficiently, e.g. due to the more extended drying time or for stubborn stains (resins, tar, bitumen), pure solvent-based cleaners offer an effective alternative. They stand out for their high capacity to loosen dirt, the low amounts which need to be used, and their quick drying time.

In water-based cleaners, solvents support the effect of the tensides.

## Why is there a VOC ordinance?

VOC, which stands for Volatile Organic Compounds, is a term which has been hotly debated in recent years. The aim of the German VOC ordinance is to reduce the constituent VOCs (e.g. solvents) in



the products, following a graduated plan, over the coming years, thereby lowering emissions into the environment. To that end, the Metaflux range of cleaners offers a number of VOC-reduced (VOC <20%) and also VOC-free cleaning products.

These VOC-reduced and VOC-free products offer a good alternative in many areas to the traditional solvent-based cleaners that have been used to date. Here, again, our trained consultants are on hand to offer you environmentally-aware and efficient solutions.

## What regulations need to be respected for food industry applications?

When cleaning for food industry applications, it must be ensured that after the cleaner has been applied no materials transfer onto the food to be processed. In Germany, this is regulated in Section 31 LFGB (Food commodity goods and feed-stuffs code). Pursuant to Section 2 LFGB, the water-based Metaflux cleaners are classed as commodity goods, and must therefore be capable of being rinsed off without any residue, in order to be allowed to be used in food industry applications.




## Why special cleaners for food industry applications with NSF licensing?

To address the exacting requirements of our customers in the food industry even better, in addition to the general confirmation of compatibility of our water-based cleaners for food industry applications pursuant to Section 31 LFGB our range also includes products tested and licensed by the US American NSF organization specially for use in food industry applications.

These products can be found on Page 22.



# Alkali Cleaners

		<b>Advantages</b>	<b>Applications</b>	<b>Areas for application</b>	<b>Pack options</b>
 <p><b>pH 11,5</b></p>	<p><b>75-25</b> <b>Universal Cleaner (concentrate)</b></p> <p>Alkali universal cleaner and degreaser to combat heavy organic and mineral stains such as oil, grease and albumen. The tensides contained in the cleaner lower surface tension, and the dirt lifts off.</p> <p><b>1:40</b> <b>VOC</b>   </p>	<ul style="list-style-type: none"> <li>• Effect increased through heating to 90°C</li> <li>• Temporary corrosion protection</li> <li>• Compatible with oil separators, tested to ÖNORM B 5105</li> <li>• Odour-neutral</li> <li>• Diluted for use depending on the application (up to 1:40)</li> </ul>	 	<p><b>Areas of use:</b> metalworks and stainless steel works, wharves, swimming pools, cleaning companies, gardening and landscaping, agriculture, sewage treatment works, window construction, printing works.</p> <p><b>Can be used on:</b> Metal, wood, plastic, ceramic, glass, floors, ceilings, grills, plastic furniture, machinery.</p>	<p><b>75-2510</b> 10 l canister  <b>75-2520</b> 20 l canister  <b>75-2530</b> 30 l canister  <b>75-2502</b> 200 l plastic barrel</p>
 <p><b>pH 12,0</b></p>	<p><b>75-32</b> <b>Universal Cleaner, &gt;SUPER&lt; (concentrate)</b></p> <p>Phosphate-free universal cleaner to remove stubborn stains, such as solidified oil and grease, pigment dyes, rust and soot residues, ni-cotine, mildew, industrial residues on machinery, and for degreasing prior to painting, as a substitute for harmful solvents.</p> <p><b>1:40</b> <b>VOC</b>   </p>	<ul style="list-style-type: none"> <li>• Acts rapidly, and pore-deep</li> <li>• Replaces CHCs and other solvents</li> <li>• Salmiac and nitro substitute</li> <li>• Non-foaming</li> <li>• Suitable for high-pressure cleaners</li> <li>• Dilute for use depending on the application ( up to 1:40)</li> <li>• Compatible with oil separators</li> </ul>		<p><b>Areas of use:</b> metalworks and stainless steel works, cleaning companies, agriculture, printing works, window construction, paint works and varnish works.</p> <p><b>Can be used on:</b> metal, wood, plastic, ceramic, walls, floors, ceilings, barbecues, machinery.</p>	<p><b>75-3210</b> 10 l canister  <b>75-3220</b> 20 l canister  <b>75-3230</b> 30 l canister  <b>75-3202</b> 200 l plastic barrel</p>
 <p><b>pH 10,5</b></p>	<p><b>75-24</b> <b>Universal Cleaner, low-foam (concentrate)</b></p> <p>Alkali, low-foam universal cleaner and grease remover for heavy organic and mineral stains such as oil grease and albumen. The tensides contained in the cleaner reduce the surface tension, and the dirt lifts off.</p> <p><b>1:40</b> <b>VOC</b>   </p>	<ul style="list-style-type: none"> <li>• Temporary corrosion protection</li> <li>• Compatible with oil separators, tested to ÖNORM B 5105</li> <li>• Odour-neutral</li> <li>• Low-foam, for use with machinery</li> <li>• Dilute for use depending on the application (up to 1:40)</li> <li>• Compatible with oil separators</li> </ul>		<p><b>Areas of use:</b> anywhere where foam is not desired for cleaning.</p> <p><b>Can be used on:</b> metal, wood, plastic, floors, ceilings, walls, barbecues, machinery and smooth surfaces.</p>	<p><b>75-2410</b> 10 l canister  <b>75-2420</b> 20 l canister  <b>75-2430</b> 30 l canister  <b>75-2402</b> 200 l plastic barrel</p>
 <p><b>pH 8,5</b></p>	<p><b>75-37</b> <b>Universal Cleaner, &gt;fast-drying&lt;</b></p> <p>Evaporating, phosphate-free, mild universal cleaner with alcohol for effortless removal of oil, grease, albumen and other stains and for degreasing. Can be used down to -15 °C.</p> <p><b>1:40</b> <b>VOC</b>   </p>	<ul style="list-style-type: none"> <li>• Cleaning concentrate</li> <li>• Fast-drying</li> <li>• Can be used at minus temperatures</li> <li>• Temporary corrosion protection</li> <li>• Odour-neutral</li> <li>• Dilute for use depending on the application (up to 1:40)</li> </ul>	 	<p><b>Areas of use:</b> metalworks and stainless steel works, wharves, swimming pools, cleaning companies, gardening and landscaping, agriculture, sewage treatment works, window construction.</p> <p><b>Can be used on:</b> metal, wood, plastic, ceramic, glass, floors, ceilings, barbecues, plastic furniture, machinery.</p> <p>Will not damage sensitive surfaces.</p>	<p><b>75-3710</b> 10 l canister  <b>75-3720</b> 20 l canister  <b>75-3730</b> 30 l canister  <b>75-3702</b> 200 l plastic barrel</p>

# Alkali Cleaners

75-65

## Workshop Cleaner (concentrate)

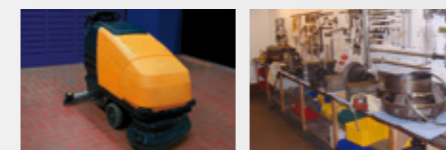
Water-based, phosphate-free alkali cleaner with low-foam tensides for cleaning and degreasing. Contains protective corrosioninhibitor for temporary corrosion protection. Powerful loosening action on oils, grease, resins, wax, nicotine, insect marks, food residues, rust, bitumen spatter and tar spatter.



### Advantages

- Cold and hot cleaning (up to 90°C)
- Temporary corrosion protection
- Compatible with oil separators, tested to ÖNORM B 5105
- Odour-neutral
- Diluted for use depending on the application (up to 1:40)

### Applications



### Areas for application

**Areas of use:** Industry, landscape gardening, painting and plastering trades, shipbuilding, building trades, dairies, car workshops, commercial kitchens, agriculture, petrol stations, sewage treatment works, hospitals, sanitation facilities, swimming pools, cleaning companies, builders' yards, cast stone and natural stone works, raw aluminium processing works, fire brigades, DIY and hobby uses.

**Can be used on:** machinery, tools, workshop equipment, vehicles, floors, metal, wood, plastic, rubber, without attacking the base material.

### Pack options

- 75-6510 10 l canister
- 75-6520 20 l canister
- 75-6530 30 l canister
- 75-6502 200 l plastic barrel

pH  
11,5

75-43

## Final Cleaner (concentrate)

Fast-drying cleaner for a smear- and mark-free shine, with no residues. Removes oil and dust, finger-prints, felt pen and pencil marks, and fresh adhesive residues. Also highly suitable for use as a degreaser prior to varnishing.



- Ready-to-use
- Pore cleaning
- Fast-drying
- Suitable for glass
- Tenside-free



**Areas of use:** painting and varnishing works, car workshops, petrol stations, hospitals, cleaning companies, trade fair construction, wood processing and chipboard processing, metal applications.

**Can be used on:** painted, shiny or polished surfaces, plastics, glass, mirrors, metals; before painting, gluing or labelling works.

- 75-4310 10 l canister
- 75-4320 20 l canister
- 75-4330 30 l canister
- 75-4302 200 l plastic barrel

pH  
10,5

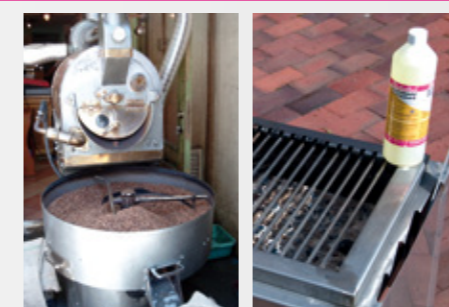
75-35

## Smoke Stain Remover (concentrate)

High-performance cleaner with active foam. Specially developed for the most stubborn stains, such as smoke stain deposits, extremely baked-on greases, oils and albumen residues. Acts without harming the smell or taste of foods.



- Rinses off with no residues, no harming the smell or taste of foods pursuant to Section 31 LF BG
- Antibacterial effect
- Dilute for use depending on the application (up to 1:100)
- Phosphate- and solvent-free
- Does not attack glass (e.g. chimney inspection glass)



**Areas of use:** food industry, dairies, commercial kitchens, hospitals, roasting facilities, smokeries, cleaning companies, builders' yards, canteens, restaurants, pizzerias, baker's shops, chimneys.

**Can be used in:** baking ovens and pizza ovens, smoke rooms, extractors, extractor pipes, extractor hoods, air circulation systems in smoke rooms, grease filters, barbecues.

- 75-3510 10 l canister
- 75-3520 20 l canister
- 75-3502 200 l plastic barrel

pH  
14,0

75-79

## Universal Cleaner >SUPER< with NSF

Universal cleaner specially developed for the food sector to remove the most stubborn marks such as hardened-on oil and grease, pigment inks, rust and charcoal residues, nicotine, mould, industrial precipitations. Also degreases prior to painting, as a substitute for harmful solvents.



- Concentrate
- Fast-acting, pore-deep cleaning
- Replaces CHCs and other solvents
- Salmiac and nitro substitute
- Phosphate-free
- Dilute for use depending on the application (up to 1:40)
- Suitable for high-pressure cleaners






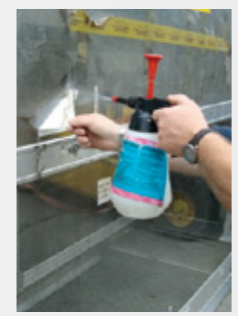










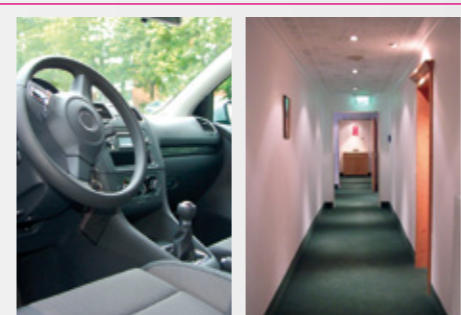





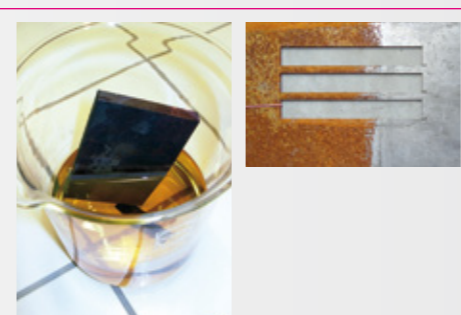
**Areas of use:** food and drink industry, dairies, commercial kitchens, agriculture, hospitals, sanitary facilities, cleaning companies.

- 75-7910 10 l canister
- 75-7920 20 l canister
- 75-7930 30 l canister
- 75-7902 200 l plastic barrel

pH  
12,0

NSF  
Registered Cleaning  
Product List A1  
Registration # 10329

# Neutral Cleaners

		<b>Advantages</b>	<b>Applications</b>	<b>Areas for application</b>	<b>Pack options</b>
	<p><b>75-27</b> <b>Intensive Cleaner</b></p> <p>Temperature range -30°C up to +70°C</p> <p>Neutral cleaner using natural active ingredients. Removes rubber residues and abrasions, oils, greases, resins, tar, remains of paint and adhesives, pencil marks, ball-point pen and felt pen marks, and sticker marks.</p> <p> </p>	<ul style="list-style-type: none"> <li>• Rapid drying of treated surfaces</li> <li>• Pleasantly fresh smell</li> <li>• Natural active ingredients</li> </ul>		<p><b>Areas of use:</b> metalworks and stainless steel works, wharves, swimming pools, cleaning companies, gardening and landscaping, agriculture, sewage treatment works, window construction companies.</p> <p><b>Can be used on:</b> metal surfaces, glass, window- frames, tools and machine equipment.</p>	<p><b>75-2710</b> 10 l canister  <b>75-2720</b> 20 l canister  <b>75-2730</b> 30 l canister  <b>75-2702</b> 200 l metal barrel</p>
	<p><b>75-34</b> <b>Intensive Cleaner &gt;SPECIAL&lt;</b></p> <p>Neutral cleaner based on citrus extracts, for fast removal of stubborn oil, grease and adhesive residues, bitumen, lubricants, resins, rubber abrasions and residues. Specially designed to remove crack-filling paints and sealing compounds.</p> <p> </p>	<ul style="list-style-type: none"> <li>• Slow-drying – for increased effect</li> <li>• Pleasantly fresh smell</li> <li>• Natural active ingredients</li> <li>• Emulsifies with water</li> </ul>		<p><b>Areas of use:</b> metalworks and stainless steel works, cleaning companies, agriculture, printing works, window construction companies, painting and varnishing works.</p> <p><b>Can be used on:</b> metal, stone, concrete, marble, tiles, wood and glass.</p>	<p><b>75-3410</b> 10 l canister  <b>75-3420</b> 20 l canister  <b>75-3430</b> 30 l canister  <b>75-3402</b> 200 l metal barrel</p>
 <p><b>pH</b> 7,0</p>	<p><b>75-42</b> <b>UNISOL</b></p> <p>Neutral water-based textile cleaner for residue-free removal of organic stains such as oil, grease, albumen and blood from textiles and upholstery.</p> <p>    </p>	<ul style="list-style-type: none"> <li>• Leaves no residues</li> <li>• pH neutral</li> <li>• Rapid drying of treated materials</li> <li>• Pleasant smell</li> </ul>		<p><b>Areas of use:</b> ship interior cleaning, construction companies, car workshops, hospitals, cleaning companies, schools, workshops, car valeting companies.</p> <p><b>Can be used on:</b> upholstered furniture, carpets, car seats, car parcel shelves, car roof interiors, clothing, headrests, curtains, net curtains.</p>	<p><b>75-4210</b> 10 l canister  <b>75-4220</b> 20 l canister  <b>75-4230</b> 30 l canister  <b>75-4202</b> 200 l metal barrel</p>
 <p><b>pH</b> 6,0</p>	<p><b>75-58</b> <b>pH-neutral Rust Remover</b></p> <p>pH-neutral rust remover for rapid and reliable removal of rust from metals. Dissolves even the most stubborn layers of rust from surfaces gently and carefully. Also suitable for removing discolouration from brass and copper – brightens the items.</p> <p>   </p>	<ul style="list-style-type: none"> <li>• Contains no acid – water based</li> <li>• Ready-to-use</li> <li>• No labelling required in accordance with hazardous substances</li> <li>• Biologically degradable in accordance with EU guidelines in accordance with OECD Norms</li> <li>• Additionally provides easy cleaning effect</li> <li>• Effective use at room temperature</li> </ul>		<p><b>Areas of use:</b> Industry, workshops, leisure, hobbies, tool manufacture and tool storage, manual and automated rust removal.</p> <p><b>Usage:</b> After only a short period of 30 minutes treatment, the parts can be removed. No neutralisation of treated parts or surfaces is required after rust removal. Delicate items should be rinsed with water.</p>	<p><b>75-5810</b> 10 l canister  <b>75-5820</b> 20 l canister  <b>75-5830</b> 30 l canister  <b>75-5802</b> 200 l plastic barrel</p>

# Acid Cleaners

		<b>Advantages</b>	<b>Applications</b>	<b>Areas for application</b>	<b>Pack options</b>
 <p><b>pH</b> 1,0</p>	<p><b>75-30</b> <b>Power Cleaner &gt;ULTRA&lt; (concentrate)</b></p> <p>Powerfully effective cleaner with special pore cleaning and antibacterial action. Reliably removes heavy deposits such as limescale, rust, cement bloom, discoloration to brickwork, saltpetre, salt efflorescence, urine stone, algae marks, grease marks, albumen stains and oil marks.</p> <p>    </p>	<ul style="list-style-type: none"> <li>• Extremely adaptable in terms of applications</li> <li>• Fast-acting, removes encrustations</li> <li>• Pore cleaning</li> <li>• Does not attack glass</li> <li>• Neutralisation using water</li> <li>• Dissolves inorganic and organic residues</li> </ul>		<p><b>Areas of use:</b> Industry, craft trades, food and drink operations, local authority facilities, wharves, cars, trucks, agriculture, sewage treatment works, cleaning companies.</p> <p><b>Can be used on:</b> all types of stone, buildings, monuments, gravestones and natural stones, tiles, glass, terraces, driveways.</p> <p>Not suitable for marble and limestone.</p>	<p><b>75-3010</b> 10 l canister  <b>75-3020</b> 20 l canister  <b>75-3030</b> 30 l canister  <b>75-3002</b> 200 l plastic barrel</p>
 <p><b>pH</b> 2,5</p>	<p><b>75-29</b> <b>Power Cleaner (concentrate)</b></p> <p>Cleans heavy stains such as cement and limescale blooms, urine stone, rust, algae marks, including on brass and copper. Also acts of heavy stains from grease, oil, albumen, watermarks, and dark patches of mildew. Has a germ-inhibiting, antibacterial action. Not suitable for marble and limestone.</p> <p>    </p>	<ul style="list-style-type: none"> <li>• Cold and hot cleaning (up to 90°C)</li> <li>• Pore cleaning</li> <li>• Does not attack glass</li> <li>• Dissolves inorganic and organic residues</li> <li>• Phosphate- and hydrochloric acid-free</li> </ul>		<p><b>Areas of use:</b> Industry, craft trades, food and drink operations, local authority facilities, wharves, cars, trucks, agriculture, sewage treatment works, sanitary facilities, cleaning companies.</p> <p><b>Can be used on:</b> all types of stone, buildings, reinforced concrete, gravestones and natural stones, brass, copper, aluminium, stainless steel, terraces, driveways.</p>	<p><b>75-2910</b> 10 l canister  <b>75-2920</b> 20 l canister  <b>75-2930</b> 30 l canister  <b>75-2902</b> 200 l plastic barrel</p>
 <p><b>pH</b> 2,0</p>	<p><b>75-41</b> <b>Disinfectant Cleaner (concentrate)</b></p> <p>Hydrochloric acid-free, wwater-based disinfectant surface cleaner for removing urine stone, rust, metal runs, oil, limescale, oxidation marks, moss and algae, whilst simultaneously disinfecting the surfaces to be cleaned. Not suitable for marble and limestone.</p> <p>    </p>	<ul style="list-style-type: none"> <li>• <b>Cleans, disinfects and deodorises in a single process</b></li> <li>• Increased action by heating</li> <li>• Removes limescale and sediment in boilers</li> <li>• The quaternary ammonium compound makes for optimal bactericidal, fungicidal and algicidal action</li> <li>• Pleasant smell</li> </ul>		<p><b>Areas of use:</b> dairies, commercial kitchens, agriculture, sewage treatment works, hospitals, sanitary facilities, swimming pools, cleaning companies, builders' yards, food and drink operations, motorway maintenance units, stations.</p> <p><b>Can be used on:</b> surfaces, equipment and devices in the food industry, in commercial kitchens, in agriculture, in swimming pools and in sanitary facilities in public and private institutions.</p> <p><b>Use biocides safely. Always read the label and product information before use.</b> N: 39448</p>	<p><b>75-4110</b> 10 l canister  <b>75-4120</b> 20 l canister  <b>75-4130</b> 30 l canister  <b>75-4102</b> 200 l plastic barrel</p>
 <p><b>pH value</b> ~ 7.0</p>	<p><b>75-70</b> <b>Cleaning Cloths</b></p>	<ul style="list-style-type: none"> <li>• Moist cleaning cloths for rapid cleaning of surfaces and hands</li> <li>• Perforated cleaning cloths</li> <li>• Firm and heavy-duty cloth</li> <li>• Pleasant citrus smell</li> <li>• One side roughened for initial cleaning, other side smooth for polishing.</li> </ul>		<p>Quickly and thoroughly removes oils and grease, fresh splashes of paint or varnish, adhesives and bitumen, felt-pen and ballpoint pen marks, ink and stamping dyes, food residues, shoe polish etc. from: plastic surfaces, textiles, carpets and upholstery, tools and machinery. Also very suitable for cleaning hands (no water needed).</p> <p>Take a cleaning cloth from the dispenser unit and rub the surface to be cleaned or your hands with the cloth. Then simply allow to dry.</p>	<p><b>75-70</b> Dispenser tub with ca. 7.2 m<sup>2</sup> cleaning area = ca. 90 cloths/tub</p>



# Special Cleaners

75-26

## Rust-Killer

Water-based, phosphate- and hydrochloric acid-free rust-killer. For removing slight to medium layers of rust from metals, and rust film from galvanized surfaces. Also suitable for removing oil, grease and albumen stains in a dipping bath, and for copper and brass.



### Advantages

- Special cleaner
- Instantly ready-to-use
- Deep cleaning action
- Environmentally-sensitive product
- Phosphate- and hydrochloric acid-free

### Applications



### Areas for application

**Areas of use:** Industry, craft trades, food and drink operations, local authority facilities, wharves, cars, trucks, agriculture, sewage treatment works, cleaning companies, painting works.

**Can be used on:** metals of all kinds, including copper and brass.

### Pack options

- 75-2610 10 l canister
- 75-2620 20 l canister
- 75-2630 30 l canister
- 75-2602 200 l plastic barrel

pH  
2,0

75-20

## Wheel Rim Cleaner (concentrate)

Universally usable, water-based, alkali high-performance cleaner concentrate. Phosphate- and acid-free, for cleaning wheel rims, engines, metal facades (not pure aluminium), to remove oil, grease, dust, dirt from roads, industrial deposits, abrasion dust from brake linings, and tar.



- Pore cleaning
- Temporary corrosion protection
- Compatible with oil separators, tested to ÖNORM B 5105
- Odour-neutral
- Dilute for use depending on the application (up to 1:40)
- Suitable for high-pressure cleaners



**Areas of use:** car workshops, construction companies, craft trades, cleaning companies, car-washes, car hire companies, car valeting companies, DIY and hobby uses.

**Can be used on:** Steel and varnished aluminium wheel rims, engine space, panels.

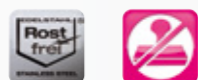
- 75-2010 10 l canister
- 75-2020 20 l canister
- 75-2030 30 l canister
- 75-2002 200 l plastic barrel

pH  
11,5

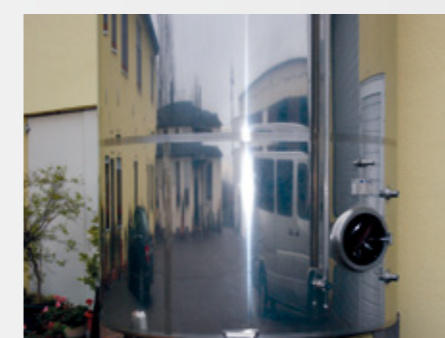
75-56

## Stainless Steel Care Cleaner

Highly effective, caring and cleaning emulsion. Cleans, cares for and protects in a single work process. Effortlessly removes fingerprints and light marks, without leaving smears. Cleaned surfaces gleam like new, and are simultaneously covered with a water-repellent protective film.



- Ready-to-use
- Removes fingerprints and light marks effortlessly
- Simultaneously leaves a water-repellent protective film
- No cleaning smears
- Antistatic effect
- Cleaned surfaces gleam like new
- Tenside-free



**Areas of use:** commercial kitchens, kitchen-making, gastro-engineering, hospitals, food and drink industry, benches, catering, sanitary facilities, dairies, winemaking companies, cleaning companies.

**Can be used on:** stainless steel, non-ferrous heavy metals, aluminium, stoves and smooth surfaces.

- 75-5610 10 l canister
- 75-5620 20 l canister
- 75-5630 30 l canister
- 75-5602 200 l metal barrel

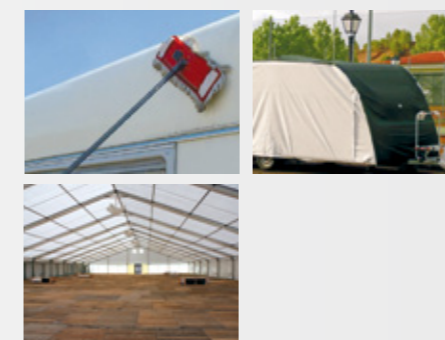
75-23

## Tarpaulin and Tent Cleaner

Special cleaner for removing oil and grease marks, industrial deposits dirt from roads, albumen marks, insect marks, animal mess.



- Instantly ready-to-use
- Deep-cleaning action
- Environmentally-sensitive product
- Phosphate- and hydrochloric acid-free



**Areas of use:** car workshops, tent hire firms, caravans and campervans, cleaning companies, DIY and hobby uses, party services, restaurants, hauliers, truck washes.

**Can be used on:** truck tarpaulins, trailer tarpaulins, advertising tarpaulins tents, campervans, sunscreening sails, pavillions, baldachins, tarpaulin screens, awnings.

- 75-2310 10 l canister
- 75-2320 20 l canister
- 75-2330 30 l canister
- 75-2302 200 l plastic barrel

pH  
10,0

# Special Cleaners

75-62

## Drain Cleaner

Strong-acting, highly concentrated drain cleaner for permanent and rigorous removal of hair, residues of soap, grease, blood and other organic matter from drains, siphon traps, pipes, wastewater pipes and water-transporting systems.



pH  
14,0



### Advantages

- Instantly ready-to-use
- Long-lasting deodorizing effect if used regularly
- Germ-killing action
- No vapours, as there are no chlorine-containing ingredients

### Applications



### Areas for application

**Areas of use:** food and drink industry, restaurants, hotels, hospitals, old people's homes and care homes, residential homes for children, youth hostels, universities, schools, guest-houses, nurseries, public toilets, public facilities.

**Can be used in:** drains, siphon traps, pipes, wastewater pipes, gutters, showers, hand-basins and all water-transporting systems.

### Pack options

- 75-6210 10 l canister
- 75-6220 20 l canister
- 75-6202 200 l plastic barrel

75-57

## Phosphating Cleaner

Combined phosphating cleaner for cleaning, degreasing and phosphating in a single work process. Protects iron and steel parts against corrosion prior to wet varnishing or powder coating, and improves adhesion of the paint applied.



pH  
2,0



- Low-foam, and therefore very well-suited to use in injection processes
- Can be mixed with water
- Instantly ready-to-use once mixed to the specified ratio



**Areas of use:** metal processing and working, painting works, powder coating companies.

**Can be used on:** all surfaces that can be painted.

- 75-5710 10 l canister
- 75-5720 20 l canister
- 75-5730 30 l canister
- 75-5702 200 l plastic barrel

75-22

## Cleaning Lubricating Oil – Machinery Cleaner

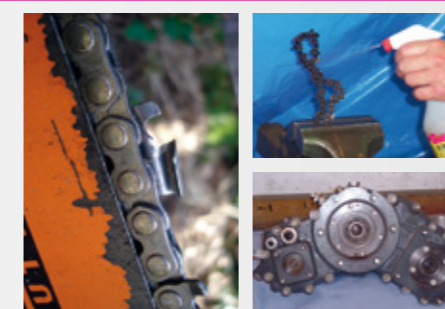
Lubricating oil with capillary action for effective removal of oil and grease residues, and of hardened-on grease, without damaging the base material. Undercuts and loosens dirt. The residual lubricant film protects against corrosion and creepage current.



pH  
2,0



- **Cleans and cares in a single work process**
- Fast + safe + effective
- Cleaning oil with corrosion protection
- Lubricating oil with capillary action
- Removed hardened greases and oil without damaging the base
- Effectively removes oil and grease residues
- Contains corrosion protection additives
- Undercuts dirt marks
- No harmful solvents
- Preservative action



**Areas of use:** industry, manufacture, maintenance, craft trades, workshops, agriculture, horticulture, forestry, building firms, DIY and hobby uses.

**Can be used on:** chain-saws, industrial machinery, tools, milling machinery.

- 75-2210 10 l canister
- 75-2220 20 l canister
- 75-2230 30 l canister
- 75-2202 200 l metal barrel

72-8040

## ÖL-EX Oil and Chemical Binder

The all-round oil and chemical binder; can be used universally in industry, on roads and waterways.

Its oil absorption performance is barely affected if water is present, and thus effectively 100%.

- Ready-to-use
- High-performance, rapid absorption of oil and chemicals
- Water-repellent product - absorbs practically no water
- Can be used in all weathers







**Areas of use:** industry, retail commerce, roads, other transport surfaces, waterways.

**Can be used e.g. for:** acrolein, aldrin, benzal chloride, benzene, bromoethane, chlorobenzene, dichloroethane, diesel oil, diethyl ether, ethyl acetate, ethyl bromide, heptane, hexane, methylstyrene, engine oils, octane, pentachlorophenol, xylene and many others.

We maintain a summary list for your use.

- 72-8040 40 litre sack

# Special Cleaners

		<b>Advantages</b>	<b>Applications</b>	<b>Areas for application</b>	<b>Pack options</b>
 <p><b>pH</b> 11,8</p>	<p><b>75-40</b> <b>Ultrasonic Cleaner</b></p> <p>Alkali cleaning concentrate, phosphate- and solvent-free, specially developed for use in ultrasonic cleaning devices. The combination of active cleaning substances achieves optimal transfer of sound waves, and thus 100% use of cleaning potential.</p> <p>   </p>	<ul style="list-style-type: none"> <li>• Can be mixed with water</li> <li>• Chloride-free</li> <li>• Phosphate- and solvent-free</li> </ul>		<p><b>Areas of use:</b> Industry, craft trades, food and drink operations, local authority facilities, wharves, cars, trucks, agriculture, sewage treatment works, cleaning companies, painting works.</p> <p><b>Can be used in:</b> all ultrasound cleaning devices, regardless of manufacturer.</p>	<p><b>75-4030</b> 30 l canister <b>75-4002</b> 200 l plastic barrel</p>
 <p><b>pH</b> 2,8</p>	<p><b>75-45</b> <b>Ultrasonic Rust Remover (concentrate)</b></p> <p>Acid cleaning concentrate, specially developed for use in suitable ultrasonic cleaning devices.</p> <p>    </p>	<ul style="list-style-type: none"> <li>• Can be mixed with water</li> <li>• Chloride-free</li> <li>• Phosphate- and solvent-free</li> </ul>		<p><b>Areas of use:</b> Industry, craft trades, food and drink operations, local authority facilities, wharves, cars, trucks, agriculture, sewage treatment works, cleaning companies, painting works.</p> <p><b>Can be used in:</b> all ultrasound cleaning devices for which it is licensed, regardless of manufacturer.</p>	<p><b>75-4530</b> 30 l canister <b>75-4502</b> 200 l plastic barrel</p>
 <p><b>pH</b> 1,5</p>	<p><b>75-44</b> <b>Clean-NOX (Gel Cleaner)</b></p> <p>Highly effective cleaning gel for all stainless steel, aluminium and non-ferrous metal surfaces, for removing deposits such as limescale and cement bloom, extraneous rust, paint runs, welding scale and light grease and oil marks. Metals are brightened without attacking the base metal.</p> <p>   </p>	<ul style="list-style-type: none"> <li>• Instantly ready-to-use</li> <li>• Contains no hydrochloric acid, hydrofluoric acid or nitric acid</li> <li>• Good adhesion to vertical surfaces</li> <li>• Brightens the metal without attacking the base metal</li> </ul>		<p><b>Areas of use:</b> metalworks and stainless steel works wharves, swimming pools, cleaning companies, gardening and landscaping, agriculture, sewage treatment works.</p> <p>Very good for vertical surfaces (no drips).</p> <p><b>Can be applied to:</b> stainless steel, aluminium and non-ferrous metals, surfaces where a moderate degree of brightening is desirable.</p>	<p><b>75-4410</b> 10 l canister <b>75-4420</b> 20 l canister <b>75-4402</b> 200 l plastic barrel</p>
 <p><b>pH</b> 1,0</p>	<p><b>75-28</b> <b>Oil Stain Remover</b></p> <p>Specially developed to remove oil stains; powerfully-acting phosphate- and solvent-free cleaner with pore-cleaning action. Removes oil and grease. Not suitable for marble and limestone.</p> <p> </p>	<ul style="list-style-type: none"> <li>• Special cleaner</li> <li>• Instantly ready-to-use</li> <li>• Pore action</li> <li>• Environmentally sensitive product, with no phosphates or nitric acid</li> </ul>		<p><b>Areas of use:</b> horticulture, paint trades and plastering trades, construction companies, car workshops, industrial kitchens, agriculture, petrol stations, cleaning companies, builders' yards, cast stone and natural stone companies, tilers, fire brigades.</p> <p><b>Can be applied to:</b> concrete, feldspar, composites, paving stones, clinker bricks, exposed aggregate concrete slabs, tiles.</p>	<p><b>75-2810</b> 10 l canister <b>75-2820</b> 20 l canister <b>75-2830</b> 30 l canister <b>75-2802</b> 200 l plastic barrel</p>

# Cleaners for use in Food Areas

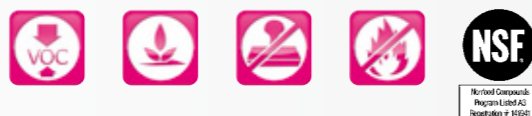
## with NSF Licensing

75-78

### Power Cleaner with NSF

Cleaner specially developed for the food sector, to remove severe stains such as rust, limescale, grease, oil, albumen, watermarks, dark mildew stains, urine stone. Provides a germ-killing and disinfecting action. Not suitable for marble and limestone.

pH  
2,5



### Advantages

- Concentrate
- Cold and hot cleaning (up to 90°C)
- Pore cleaning and disinfection
- Does not attack glass
- Loosens inorganic and organic residues
- Dilute for use depending on the application (up to 1:40)

### Applications



### Areas for application

**Areas of use:** food and drink industry, dairies, commercial kitchens, agriculture, hospitals, sanitary facilities, cleaning companies.

### Pack options

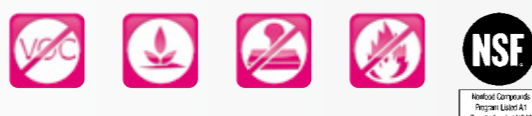
- 75-7810 10 l canister
- 75-7820 20 l canister
- 75-7830 30 l canister
- 75-7802 200 l plastic barrel

75-77

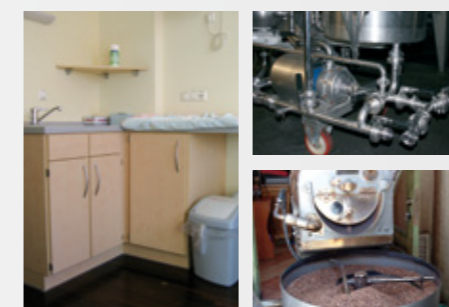
### Universal Cleaner with NSF

Alkali universal cleaner and degreaser specially developed for the food sector to combat serious organic and mineral stains such as oil, grease and albumen on practically all surfaces. The tensides in the cleaner lower the surface tension and loosens the dirt.

pH  
11,5



- Concentrate
- Temporary corrosion protection
- Compatible with oil separators, tested to ÖNORM B 5105
- Odour-neutral
- Dilute for use depending on the application (up to 1:40)



**Areas of use:** food and drink industry, dairies, commercial kitchens, agriculture, hospitals, sanitary facilities, cleaning companies.

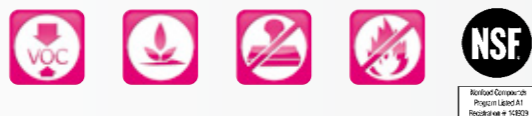
- 75-7710 10 l canister
- 75-7720 20 l canister
- 75-7730 30 l canister
- 75-7702 200 l plastic barrel

75-79

### Universal cleaner >SUPER< with NSF

Universal cleaner specially developed for the food sector to remove the most stubborn marks such as hardened-on oil and grease, pigment inks, rust and charcoal residues, nicotine, mould, industrial precipitations. Also degreases prior to painting, as a substitute for harmful solvents.

pH  
12,0



- Concentrate
- Fast-acting, pore-deep cleaning
- Replaces CHCs and other solvents
- Salmiac and nitro substitute
- Phosphate-free
- Dilute for use depending on the application (up to 1:40)
- Suitable for high-pressure cleaners



**Areas of use:** food and drink industry, dairies, commercial kitchens, agriculture, hospitals, sanitary facilities, cleaning companies.

- 75-7910 10 l canister
- 75-7920 20 l canister
- 75-7930 30 l canister
- 75-7902 200 l plastic barrel

NSF<sup>®</sup> registered non-food substances guarantee:

- Food inspectors,
- Users and
- End-consumers,

that the products used in and during food processing comply with all applicable food safety regulations.

NSF<sup>®</sup> : National Sanitation Foundation

Art. No. 75-78



Nonfood Compounds  
Program Listed A3  
Registration # 141941

Art. No. 75-77



Nonfood Compounds  
Program Listed A1  
Registration # 141940

Art. No. 75-79



Nonfood Compounds  
Program Listed A1  
Registration # 141939

# Liquid Special Products

75-04

## Multi-TS Anti-Spatter Fluid

Odour-neutral anti-spatter fluid with temporary corrosion protection. Can also be used as a cleaning agent and degreaser. Prevents adhesion of weld spatter. Protects the workpiece, the welding nozzle and the welding equipment. Non-flammable; silicone and solvent-free.



### Advantages

- Multifunction anti-spatter fluid, based on natural components
- Solvent-free
- Mild odour
- Silicone-free

### Applications



### Areas for application

**Areas of use:** metalworking, car workshops, tank- and boiler-making, servicing, special construction, car construction, crane construction and any welding operations.

**Can be used for:** all welding processes, irrespective of the welding method.

**Spray can available as accessory:** Art. No 75-2899



### Pack options

- 75-0410 10 l canister
- 75-0420 20 l canister
- 75-0430 30 l canister
- 75-0402 200 l plastic barrel
- 75-2899 Metal spray can

pH  
9,0

75-63

## Cool-Cut Cooling Lubricant

Cooling lubricant for cutting applications. Can be mixed with water. Effective cooling action, very good lubricating performance, and good corrosion protection. Many uses, including in CNC machining centres. Low-foaming, regardless of water hardness.



- Outstanding cooling and lubricating action
- Good skin compatibility (dermatology report available)
- Boron-free and amine-free
- Highly compatible for use with aluminium
- Excellent corrosion protection
- Low foam formation
- Emulsive



**Areas of use:** metalworking, car workshops, tank- and boiler-making, servicing, special construction, car construction, crane construction and any cutting or milling operations.

**Can be used for:** chip removal, grinding or cutting processes on iron, steel, non-ferrous metals, aluminium and alloys.

- 75-6310 10 l canister
- 75-6320 20 l canister
- 75-6330 30 l canister
- 75-6302 200 l plastic barrel

pH  
9,3

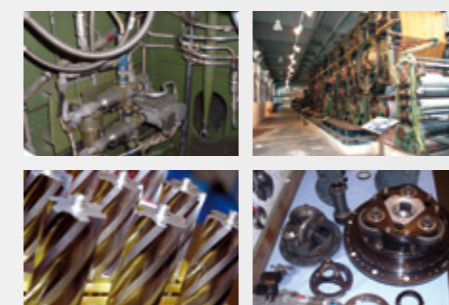
75-33

## CC80 Multifunction Oil

Has a wide variety of uses: as a cleaning and lubricating maintenance oil; as as VG 3-classed lubricant; as a creep-coverage oil for cleaning and lubricating jobs; as a temporary corrosion protection (mainly for interior duties). It frees rust-seized parts, lubricating without gumming up.



- **Protects + loosens+ lubricates + dehumidifies + maintains**
- Does not attack plastics, rubber, fabrics or painted surfaces
- Silicone- and mineral oil-free
- Good creep coverage – gets into the smallest cracks
- Recommended for weapons maintenance
- Does not become gummy



**Also available as a spray:**  
Art. No 70-17 CC80-Spray

- Protects
- Loosens
- Lubricates
- Dehumidifies
- Maintains

**in a single work process.**



- 75-3310 10 l canister
- 75-3320 20 l canister
- 75-3330 30 l canister
- 75-3302 200 l metal barrel

75-03

## Cutting Oil

Cutting oil for chip-removing machining of metals and plastics. Excellent cooling, lubricating and cutting action.



- Optimal cooling and lubricating action
- Contains no chlorine compounds
- Silicone-free
- Low-foaming
- Prevents expansion of plastics
- Surface foam is slowed immediately it appears
- Extends the lifetime of drills and cutting tools



**Can be used for** any drilling or sawing operations, and where extending the lifetime of drills and cutting tools is desirable.

**Can be applied to:** all metals, from stainless steel to copper, brass, aluminium, cast iron, and to plastics.

- 75-0310 10 l canister
- 75-0320 20 l canister
- 75-0330 30 l canister
- 75-0302 200 l plastic barrel

# Liquid Special Products

**75-64**

## KoWa Protect (Corrosion Protection Wax)



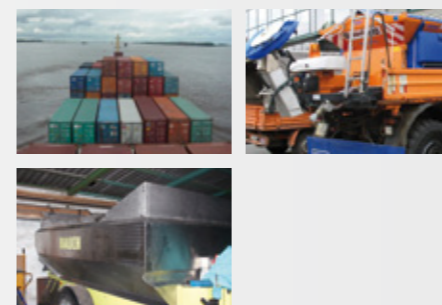
Transparent long-term corrosion protection product, protecting all metals during storage in the open and during transport. The highly flexible, waxlike protective film is resistant to salt water, fast-drying, and is not sticky.



### Advantages

- Very good creep action
- Fast-drying
- Non-adhesive
- Does not attract dust
- Can be using in the dipping bath to protect hollow bodies
- 500 hour salt spray test

### Applications



### Areas for application

**Areas of use:** Semi-finished and finished parts, seasonally-operated equipment and machinery for agriculture, forestry and construction, products being shipped overseas, shipbuilding, local authority facilities.

**Can be used for:** all materials at risk of corrosion.

**To remove this product, we recommend:** Metaflux Intensive Cleaner 75-27 (p. 14)

### Pack options

- 75-6410** 10 l canister
- 75-6420** 20 l canister
- 75-6430** 30 l canister
- 75-6402** 200 l metal barrel

**75-91**

## Foam Remover for water-based Cleaners



Foam remover, specially developed for water-based Metaflux cleaners.



- Fast and permanent foam elimination
- Good dispersion and easy to spread
- Very good coverage – low concentrations required



**Areas of use:** anywhere where foam formation is detrimental or a hindrance to the cleaning process.

- 75-9110** 10 l canister
- 75-9120** 20 l canister
- 75-9130** 30 l canister

**75-38**

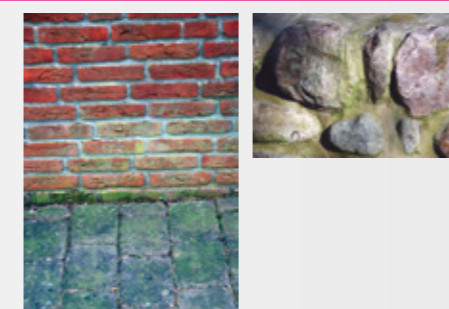
## Algae and Green Film Remover



Remover product with good coverage, to eliminate algae, lichens, mosses and green films on all kinds of stone, reinforced concrete, buildings, asphalt, wood, roof tiles, facades, fences, plastics, sheet metal, reed thatch.



- Self-acting concentrate
- Long-term action
- Disinfectant action
- Fast-acting
- Can be diluted with water



**Areas of use:** gardening, painting and plastering trades, building trades, agriculture, petrol stations, sewage treatment works, hospitals, swimming pools, cleaning companies, builders' yards, cast stone and natural stone works, tile-laying companies, fire brigades, public and private establishments.

**Can be used on:** all types of stone, reinforced concrete, buildings, asphalt, wood, roof tiles, facades, fences, plastics, sheet metal, reed thatch.

**Use biocides safely. Always read the label and the product information before use.** N: 37292

- 75-3810** 10 l canister
- 75-3820** 20 l canister
- 75-3830** 30 l canister
- 75-3802** 200 l plastic barrel

**75-39**

## Algae Protection



Water-based liquid emulsion for long-term protection of stone, reinforced concrete, buildings, asphalt, wood, roof tiles, facades, fences, plastics, sheet metal and reed thatch to prevent renewed attack from algae or moss.



- Ready-to-use solution
- Long-acting
- Acid-free and low-odour
- pH neutral
- Self-acting emulsion



**Areas of use:** gardening, painting and plastering trades, building trades, agriculture, petrol stations, sewage treatment works, hospitals, swimming pools, cleaning companies, builders' yards, cast stone and natural stone works, tile-laying companies, fire brigades, public and private establishments.

**Can be used on:** stone, reinforced concrete, buildings, asphalt, wood, roof tiles, facades, fences, plastics, sheet metal, reed thatch.

- 75-3910** 10 l canister
- 75-3920** 20 l canister
- 75-3930** 30 l canister
- 75-3902** 200 l plastic barrel

**pH**  
8,0

# Stainless steel: Cleaning and maintenance



**70-55**

## Stainless Steel Care Spray

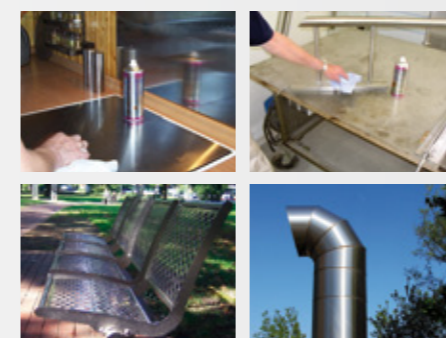
Colour	colourless
Density	0.695 g/cm <sup>3</sup>



### Advantages

- Special cleaner
- Removes dust and dirt effortlessly
- No cleaning smears
- Antistatic effect
- Cleaned surfaces shine like new

### Applications



### Areas for application

High-performance special care product for stainless steel and stoves and smooth plastic surfaces in commercial kitchens, gastro-engineering, kitchen-making, hospitals, foodstuff companies, lifts, benches, chrome-nickel processing companies, in catering, etc.

Apply the stainless steel care spray evenly to the surface to be cleaned, leave to act for a short while and wipe over with a lint-free dry cloth. Fresh marks from fingerprints etc. can be removed simply with a dry cloth.

### Pack options

- 70-55** 400 ml spray can
- 70-5501** 100 ml spray can
- 1 sales pack = 12 cans



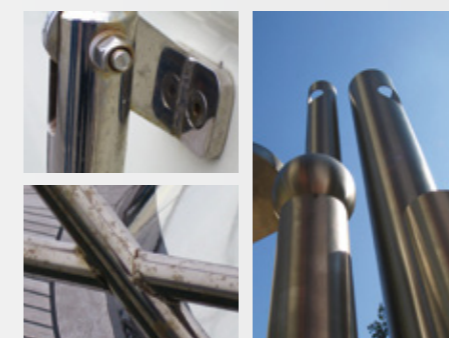
**70-32**

## Stainless Steel base Cleaner Spray

Colour	white
pH value	2.3
Density	0.93 g/cm <sup>3</sup>



- Special cleaner for stainless steel surfaces
- Removes even stubborn marks
- Also suitable for limescale stains, verdigris, rust film, sediment
- Brings up the shine
- Economical to use
- Can also be used on aluminium



Apply the stainless steel base cleaner spray to the dirty surfaces, leave to act and polish off thoroughly using a clean cloth, in the direction of the machining marks. Due to the high content of solids, the can must be shaken thoroughly before each spray operation, and also between times during extending spraying.

Recommendation:  
After base cleaning, protect the surface with Metaflux 70-55 Stainless steel care spray.

- 70-32** 200 ml spray can
- 1 sales pack = 12 cans



**75-05**

## Stainless Steel Foam Cleaner

Colour	white
pH value	~ 11.5
Density	0.948 g/cm <sup>3</sup>



- Special foam cleaner for stainless steel
- Removes light to medium marks from all stainless steel surfaces quickly and thoroughly
- Free from abrasive materials
- The foam structure ensures good, long-lasting adhesion to vertical surfaces



Can be used in:  
Stainless steel processing, commercial kitchens, hospitals, hotels, restaurants, foodstuff companies, agriculture, servicing companies, cars, scaffolding, gardening and landscaping, public facilities, washrooms and WCs, industry and craft trades.

Application: shake can before use. Spray on from a distance of ca. 25 cm and rub off the cleaning foam using a dry cloth. For particularly stubborn stains, repeat the treatment.

- 75-05** 400 ml spray can
- 1 sales pack = 12 cans



**75-01**

## Stainless Steel Maintenance Spray NSF

Colour	colourless
Temperature resistance	-5 °C to +200 °C
Density	0.633 g/cm <sup>3</sup>
Permit	NSF A7



- Stainless steel cleaner and care with NSF approval
- Quick cleaning of stainless steel surfaces
- Maintains and brings new shine
- Protects against finger marks and dirt
- Reduces oxidization and corrosion



For all brushed and matt stainless steel surfaces, especially in the drinks, grocery and pharmaceutical industry. For cleaning and maintenance of conveyor belts, machines, industrial kitchens, lifts, stairs and other stainless steel items.

This product will maintain surfaces quickly and simply. Dirt, dust and greasy finger marks are removed.

- Leaves a protective film
- Also adheres to vertical surfaces

- 75-01** 400 ml spray can
- 1 carton = 12 cans

# Cleaning Sprays



**75-07**

## Glass Care Plus

Colour	colourless
pH value	~ 10.5
Density	0.968 g/cm <sup>3</sup>

### Vorteile

- Special cleaner
- Cleans and protects all smooth surfaces
- Removes dirt without scratching

### Anwendungen



### Anwendungsgebiete

Cleans and protects all smooth surfaces such as glass, mirrors, tiles, PVC, plastics, Plexiglass, Venetian blinds, showcases. Removes dust, pollen, nicotine, finger-marks etc. without scratching.  
Leaves a durable, invisible protective film – a protection against new spots, finger-marks and dirt.

Areas of use:  
Workshop, hotels and hospitality facilities, offices, banks, public facilities, schools, hospitals, retail businesses, exhibition halls, rest homes and many others.

### Verpackung

**75-07** 400 ml spray can  
1 carton = 12 cans



**75-10**

## Clear-Spray for Screens

Colour	white
pH value	~ 8
Density	0.915 g/cm <sup>3</sup>

- Special clear-spray for computer screens
- Suitable for coated and uncoated surfaces
- Cleans quickly and leaves no streaks
- Quick and simple to use
- Reduces tiredness and eye irritation by providing clean monitors



Cleans and maintains LCD/TFT – computer screens, touch screens and displays, also for cleaning plastic surfaces e.g. housings, telephones, PCs and office machines.

Removes dust, nicotine and finger-marks.  
Subsequent soiling is delayed.

**75-10** 200 ml spray can  
1 carton = 12 cans



**75-08**

## Windscreen Deicer Spray

Colour	colourless
Density	0.713 g/cm <sup>3</sup>

- Windscreen deicer
- Thaws frozen windscreens in seconds
- Protects against re-freezing
- Clear vision at all times during winter



### Iced windscreen in winter

Anyone in a hurry of a morning and only scraping a small gap clear can reckon on a fine if they are caught. If there's an accident, it could be much worse. Even if you are not at fault, you can still be penalised and found partly to blame since road visibility is restricted and you may not be able to react quickly enough.

#### Facts relating to driving in Germany:

- Windscreen and side windows are not clear of ice and visibility of the road is impaired: **10,- € fine**
- Windscreen and side windows are not clear of ice and visibility of the road is impaired, resulting in an accident: **35,- € fine**

Source:  
German Federal Ministry for Transport, Construction and Urban Development. All information provided without guarantee. E&OE. Date: 2009

**75-08** 300 ml spray can  
1 pack = 12 cans

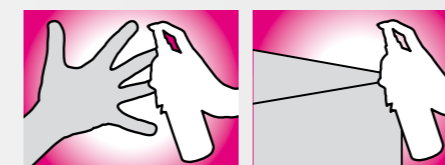


**70-93**

## Quick Disinfectant

Colour	colourless
Density	0.960 g/cm <sup>3</sup>

- Ready-to-use
- Handy size, ideal for slipping into the pockets of overalls and trousers, handbag, tool-bag, work-tops or on a journey
- The alcohol content evaporates, leaving practically no residue
- Pleasantly light citrus odour



Spray surfaces with Quick Disinfectant and leave to take effect for a minimum of 60 seconds or wait until it has dried.

Hand disinfections:  
Spray onto hands and massage into all areas of the hands including between fingers.

After use, we recommend you use Metaflux hand protection cream 75-82

**70-93** 75 ml pump bottle  
1 pack = 12 cans



# Cleaning Sprays



**70-15**

## Quick Cleaning Spray

Colour	colourless
Density	0.703 g/cm <sup>3</sup>

### Advantages

- Special cleaner
- Quick cleaning, with no vapours which could harm health
- Non-irritant
- Fully residue-free degreasing
- Specially recommended for cleaning brakes, oil-burners and electronic circuits
- Does not attack rubber or plastics

### Applications



### Areas for application

Intensive cleaning of parts dirtied with oil and grease, in the workshop, during assembly, before painting or gluing. Particularly suitable for cleaning oil-burners in heating systems, motherboards and electronic circuits, and for rapid degreasing.

### Pack options

**70-15** 400 ml spray can  
1 sales pack = 12 cans

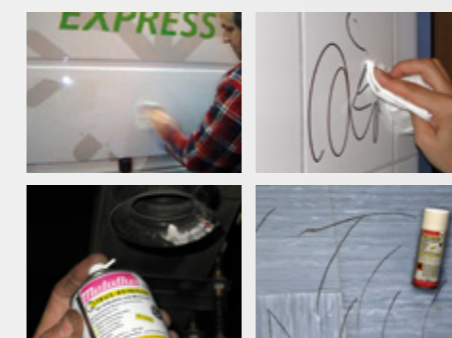


**75-17**

## Citrus Cleaner Spray

Colour	colourless
Density	0.826 g/cm <sup>3</sup>

- Special cleaner
- Rapid drying of the treated surface
- High concentration of active ingredient
- pH neutral
- Temperature range from -30°C to +70°C
- Pleasantly fresh smell



This special cleaner is a product based on natural active ingredients for effective removal of: rubber residues and abrasion dust from metal surfaces and tools, oils, greases, resins, tar, remnants of paint and adhesive, pencil marks, ball-point pen and felt pen marks, stickers from glass surfaces and window-frames, etc. Cleaning of industrial equipment and machinery in the tyre industry, window construction, plastics industry, public institutions, schools, public transport, bus companies, slaughterhouses, construction companies etc.

**75-1700** 400 ml spray can  
**75-1701** 100 ml spray can  
1 sales pack = 12 cans



**75-18**

## Glass Cleaner Spray

Colour	white
pH value	~ 11.5
Density	0.948 g/cm <sup>3</sup>

- Special cleaner
- Antistatic action (dust-repellent)
- Fast and smear-free cleaning
- Very good coverage
- Neutral odour
- Foam structure ensures good, long-lasting adhesion to vertical surfaces



Special glass cleaner for effortless removal of fingerprints, grease, nicotine, dust etc. Shake can well before use. Spray on and wipe off immediately with a clean cloth. Then rub in with a dry cloth. Do not use in the vicinity of naked flames.

**75-18** 400 ml spray can  
1 sales pack = 12 cans



**75-16**

## Foam Cleaning Spray

Colour	colourless
pH value	~ 11.2
Density	0.93 g/cm <sup>3</sup>

- Special cleaner
- Corrosion inhibitor
- Very good coverage



Cleans interior and exterior glass, plastics, metals, rubber, chrome, paint, textiles, upholstery, tiles, carpets etc. Shake can well and apply foam from approx. 25 cm away. Wipe off cleaning foam with a dry cloth.

**75-16** 400 ml spray can  
1 sales pack = 12 cans

# Cleaning Sprays



**75-06**

## Wheel Rim Cleaner Spray

Colour	colourless
pH value	~ 10.5
Density	1.09 g/cm <sup>3</sup>

### Advantages

- Wheel rim cleaner
- Removes stubborn deposits such as brake dust, dirt from roads and gritting salt residues
- Does not attack painted and metal surfaces, brake discs, rubber and plastics
- Suitable for aluminium and steel rims
- Foam structure ensures effective cleaning, since the foam has good adhesion

### Applications



### Areas for application

Spray the wheel rim cleaner onto the surface to be cleaned and leave to act for 2-3 minutes.  
Then rinse off dirt with a sponge and water or take the car through the car-wash.

### Pack options

**75-06** 600 ml spray can  
1 sales pack = 12 cans



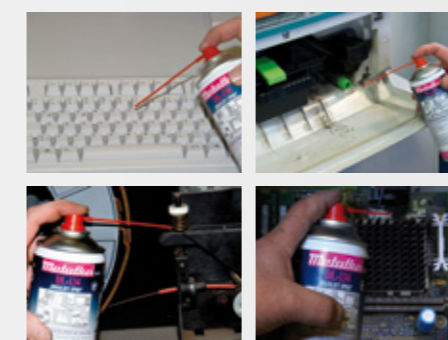
**75-15**

## DL 134 Compressed Air Spray

Colour	colourless
Density	0.91 g/cm <sup>3</sup>



- Odourless
- No residues
- Very good coverage
- Not self-combustible
- No drop in pressure until fully discharged



High pressure is used to blast off dirt, without leaving residues. Ideal for difficult-to-reach places in workshops, offices, cars/trucks, high-tech equipment or when assembling items, and for hobby work.

**75-15** 400 ml spray can  
1 sales pack = 12 cans



**70-13**

## Plastic Cleaner (Cockpit) Spray

Colour	colourless
Density	0.695 g/cm <sup>3</sup>

- Universal cleaner
- Removes dust and dirt effortlessly
- Non-smearing
- Cleaned surfaces gleam like new
- Antistatic action
- Pleasant smelling
- Silicone-free



Cleaning and caring for plastic parts, varnished and plastic-sealed surfaces, and for blank and matt metals.

**70-13** 400 ml spray can  
1 sales pack = 12 cans



**75-11**

## K1 Quick Cleaner NSF

Colour	colourless
Density	0.643 g/cm <sup>3</sup>
Permit	NSF K1/K2/K3

- Quick cleaner for the groceries industry with NSF Permit
- Removes oils, grease and resin deposits quickly and effectively
- Safe de-greasing (e.g. for lacquering processes)
- Evaporates quickly and leaves no residue
- High material density
- Suitable for quick cleaning of electro-contacts and components
- Suitable for removing adhesives



Can be used for cleaning processes in the pharmaceutical industry, grocery concerns and animal feed producers.

**75-11** 400 ml spray can  
1 carton = 12 cans

Multi-talented for removing oils, grease and resin deposits – also for use as a cleaner for electro contacts. Equally suitable for removing sealing and adhesive remnants.

# Skin Protection Plan Products



**70-28**

## Hand Protection Foam

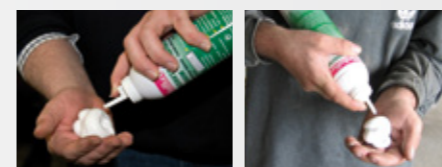
Colour	white foam
Density	0.947 g/cm <sup>3</sup>



### Advantages

- Dermatologically tested
- Protects hands against heavy dirt
- Water-proof and soap-resistant
- Prevents skin irritations
- Non-toxic
- Allows the skin to breathe and transpire normally
- Prevents skin from drying out
- Very good coverage
- Non-gumming

### Applications



### Areas for application

Shake the aerosol can well before use. Wash and dry hands. Apply a walnut-sized squirt of foam to cleaned hands and rub in. Allow to dry for 1 - 2 minutes.

Skin is protected for approx. 4 hours, after which the protective film comes away with normal skin

### Pack options

**70-28** 400 ml spray can  
1 sales pack = 12 cans



**75-02**

## Handwash Paste

Colour	beige
pH value	6.5
Density	0.9 g/cm <sup>3</sup>



- Hand cleaning, dermatologically tested
- Effortlessly removes grease, tar, oil, paint, resin etc.

### Applications



Protective and intensive hand-cleaning, even for heavy dirt. Due to its specific-acting skin protection, the handwash paste provides pleasantly mild cleaning, leaving being a fresh orange fragrance on the skin.

Apply a small quantity of the handwash paste to the previously-moistened surfaces of the hands, rub in well and rinse off with water. Then dry hands.

Also available:  
Art. No. 75-0200 dispenser with wall mount for 3 litre tub of handwash paste



**75-8000** 250 ml tube  
**75-0203** 3 l container (suitable for Metaflux dispenser)  
**75-0210** 10 l tub  
**75-0230** 30 l tub  
**75-0200** dispenser



**75-09**

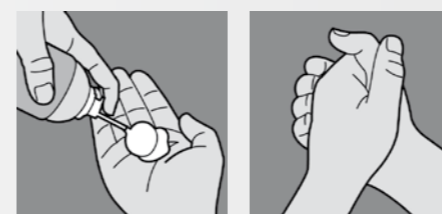
## Hand Cleaning Foam

Colour	white
pH value	~ 7
Density	0.87 g/cm <sup>3</sup>



- **Can be used without water**
- Dermatologically tested
- Removes dirt such as oil, grease etc. through a simple washing action of the hands
- Economical to use (1 can sufficient for approx. 70 applications)
- Ideal for travel, construction and fitting

### Applications



Shake the aerosol can well before use. Apply a walnut-sized squirt of foam to dirty hands, and use a washing action until the dirt has lifted off.

For kind skin cleaning without water.

**75-09** 150 ml compressed air can  
1 sales pack = 12 cans



**75-82**

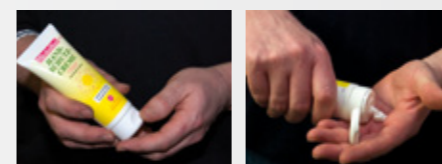
## Hand Protection Cream

Colour	white
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- Dermatologically tested hand protection cream
- Protects using natural beeswax and allantoin
- Spreads well
- Leaves the skin feeling pleasant

### Applications



Massage in cream evenly as required several times per day – protects and calms stressed skin.

**75-82** 100 ml tube  
1 sales pack = 24 tubes

# Accessories

75-2899 / -2999 / -3299 / -0399

## Spray Bottles and Dosing Bottles



Spray bottles for easy and clean use of cleaners and liquid special products.

### Advantages/Pack options

- 75-2899 Metal spray can for all welding protection products, e.g. 75-04 Multi-TS
- 75-2999 Plastic spray bottle for all alkali cleaners
- 75-3299 PET spray bottle for all acid cleaners
- 75-0399 250 ml dosing bottle for accurate dosing, e.g. with 75-03 Cutting oil

75-3099 / -3199

## 1.5 l Pump Bottles

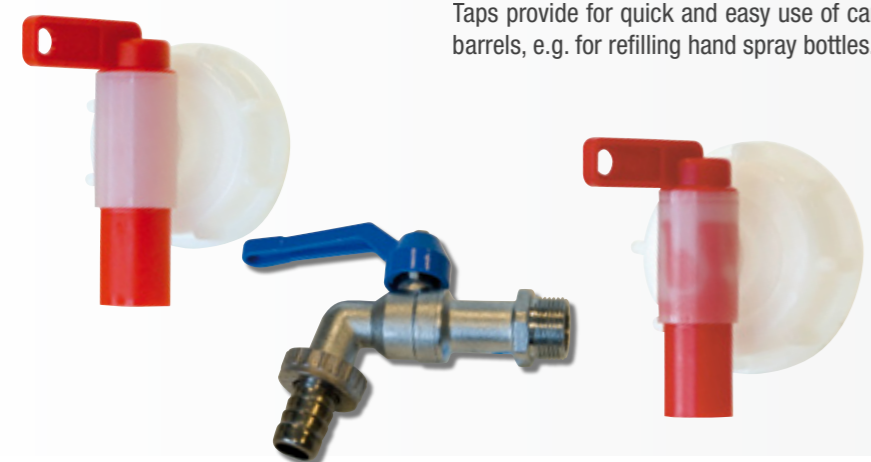


Pump bottles for easy and clean use of cleaners and liquid special products.

- 75-3099 1.5 l pump bottle black/yellow for all alkali cleaners
- 75-3199 1.5 l pump bottle black/red for neutral and acid cleaners such as 75-27 Intensive cleaner and 75-29 Power cleaner

75-5100 / -5110 / -5200

## Tap Units, 5 l to 200 l



Taps provide for quick and easy use of canisters and barrels, e.g. for refilling hand spray bottles.

- 75-5110 Tap for 5 l and 10 l canister
- 75-5100 Tap for 20 l and 30 l canister
- 75-5200 Tap for 200 l barrel

75-3198

## Pressure Spray Device, 5L



Pressure sprayer in high-quality, impact-resistant plastic.

### Advantages/Pack options

- Operating pressure max. 2.5 bar
- Container volume 6.5 l
- Filling volume, max. 5 l
- Brass sprayer tube with brass spraying nozzle
- Incl. carrying strap

75-7100

## Metaflux Microfibre Cloth (white)



Dries and polishes all sensitive surfaces. Pre-clean dirty surfaces and use the dry cloth to polish to a finish.

- Size 45 x 32,5 cm
- Washable to 60° C
- 70% polyester, 30% polyamide

Even if it becomes moist, it continues to dry the surface.

75-7012 / -7013

## Cleaning Paper 2-layer/3-layer



- Made from 100% recycled paper
- Extra strong quality
- Point-to-point embossing
- Absorbs liquids
- Quickly cleans for e.g. tools, machines and workstations without leaving fluff
- 37 cm wide x 38 cm
- Minimum of 1,000 sheets per roll

- 75-7012 Cleaning paper 2-layer
- 75-7013 Cleaning paper 3-layer

- 75-7016 Wall Fixture for Cleaning Paper



## Accessories

75-72

### Metavlies Cloths

Colour: white



### Advantages / Packaging

- Cleaning cloth for wiping and washing many areas
- For cleaning, maintenance etc.
- In industrial locations, e.g. oily surfaces
- Textile characteristics
- Very soft and fluff free
- Highly absorbent, can be washed
- Solvent proof
- Particularly tear resistant even when wet

75-72 1 carton = 1 spender package approx. 300 sheets

75-9900

### Cleaning and washing bath for small parts

1. Fill bath - with basket in situ - with alkali, neutral or acidic cleaner and put in the items to be cleaned.
2. Allow cleaner to take effect in accordance with manufacturers information, if desired, the lid can be closed shut.
3. At the end of the cleaning process lift out the basket, twist it once and replace it safely onto the bath to allow contents to drip off or be rinsed.

- 75-9900 Cleaning and washing bath
- Dimensions: 600 x 400 x 300 mm, content: 40 l

### Available accessories

- 93-4032 Mordant Brush - cropped
- 93-4033 Mordant Brush - narrow straight
- 93-4034 Mordant Brush - wide straight
- 94-8059 - 94-8071 Working gloves made of 100 nylon finely knitted coated Polyurethane

### Test results in accordance with EN 388

Wear resistance: 4  
Cut resistance: 1  
Further tear resistance: 3  
Pierce resistance: 1

Item No.	Size
94-8071	S = 7
94-8067	M = 8
94-8059	L = 9
94-8060	XL = 10



## Electrolytic Cleaning System

### To remove paint runs on stainless steel surfaces



### Economic, thanks to the high speed of working!

Passivation and cleaning take place in a single work process, with no reaction time involved (as otherwise usual with caustic pastes).

### Safe!

The necessary reaction energy acts through electrolysis. The burden to the workplace and environment is significantly reduced by comparison with conventional caustic pastes.

### Quick!

After cleaning, the treated surfaces are rinsed with water or simply wiped down with a dry cloth.

The paint run is removed carefully. Reworking of the seam welds is not required.

84-9000

### ERS Cleaning, Full Set

- Comprising:
- 1 x AC transformer 55/80 A (230 V) Futura 1.140
  - 1 x handpiece, 1 x standard head
  - 10 x glass fibre strips
  - 1 x goggles, 1 x protective gloves
  - 1 x METAFLEX 70-55 stainless steel care spray
  - 1 litre electrolyte cleaner fluid, Art. No. 75-47
  - 1 x carrying case
  - 1 x operating instructions

75-47

### ERS Cleaner >S<

Special cleaner for electrolytic cleaning system. Removes paint runs from stainless steel surfaces formed during MIG/TIG welding, using electrochemical deoxidation.

**Areas for use:** manufacturers and processors of stainless steel products, chemical and pharmaceutical industry, foodstuffs industry and refrigeration engineering.

### Spare parts and accessories:

- 84-9002 Standard head
- 84-9004 Replacement head for flat seams
- 84-9006 Handpiece, complete, with cable and standard head
- 84-9008 glass fibre strips  
Contents: 10 strips
- 84-9009 25 m roll glass fibre tape



Art. No.: 84-9002



Art. No.: 84-9004



Art. No.: 84-9006



Art. No.: 84-9008



Art. No.: 84-9009

### Advantages/Pack options

- 84-9000 Full set

- Rapid cleaning and passivation of stainless steel
- No neutralisation needed – treated surfaces are wiped down with a damp cloth or rinsed with water
- Very good coverage – used in low concentrations

- 75-4705 5 l canister
- 75-4710 10 l canister
- 75-4720 20 l canister
- 75-4730 30 l canister

pH 1,8





The METAFLEX range of products comprises over 40 cleaners developed in-house, and every year sees fresh innovations added to this range. But one constant in all METAFLEX development is the emphasis placed on these three guiding principles:

- The highest possible technical quality
- The lowest possible air contamination in the workplace
- Maximum consideration for the environment

Strict respect for these principles guarantees that METAFLEX cleaners will continue to be an internationally leading product range going forward.



Visit us on the internet at:  
[www.metaflux.de](http://www.metaflux.de)

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