

PORTA

Macro

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# 2024 PRODUCTS PRODUCTS CALADOG **CHEMICAL - LUBRICANTS - METALLIC COATINGS**

**PROTECTION - DEGREASERS - SOAPS** 

PATE DE ZINC ZINC PASTE

AMETH

AMETE

Metaflux

UALU-ZINC

Metallpin Gleitm Lomos

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ANTI-S

**ADVANCED SOLUTIONS FOR SURFACES** 

AMER

AMEIA



## THE BEST OF EUROPEAN AND AMERICAN BRANDS FOR NORTH AMERICA

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 busi-ness.

As recently as 2007, the logistics centre was expanded to accommodate an additional 150 pallet bays. Today, two aerosol factories affiliated with METAFLUX AG apply their experience, gained from over 50 years and an annual capacity of 60-70 million cans, to ensure consistently high quality.

The METAFLUX product range comprises over 75 sprays developed in-house, and every year sees fresh innovations added to it. But one constant in all METAFLUX development is the emphasis placed on these three principles:

- 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 sprays will continue to be an internationally leading product range going forward.

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.

# The principle behind the spray can...

The principle behind the spray can is as • For efficient use of the product: the ver- The gas phase inside the can also serves simple as it is inspired: using the internal tical feeder tube running down the pressure of the spray can, its contents base against the inner wall of the can are released as an aerosol precisely at is able to reach the very last drops of the the time you press on the button.

of the active ingredient (the actual product) the metal container: the valve and spray and the liquid propellant inside the spray head are responsible for "atomising" the can: for this, one part of the propellant is product and for precise dosing. dissolved in the active ingredient, and a second part sits as a gas like a "pressure The spray head is provided with a pad" above the ingredient-propellant protective cover. The valve body is mix.

If the button is depressed, the gas can. It extends down to the base and propellant forces the contents through ensures that the can is emptied the valve to the outside. At that instant, completely and evenly. the propellant vaporizes in fractions of a second, and the active ingredient that is left behind is distributed very finely and evenly - just the way the user needs to have his product.

The fineness of these drops is only achieved using spray cans: the active ingredient is applied finely, economically and evenly and dries rapidly. Pump sprays cannot achieve these unique properties of aerosols, and are therefore unsuitable for many products.

## How a spray can is assembled?

The basic component is generally a metal container: the actual spray can itself, in tinplate or aluminium. The base of this can is concave, for two reasons:

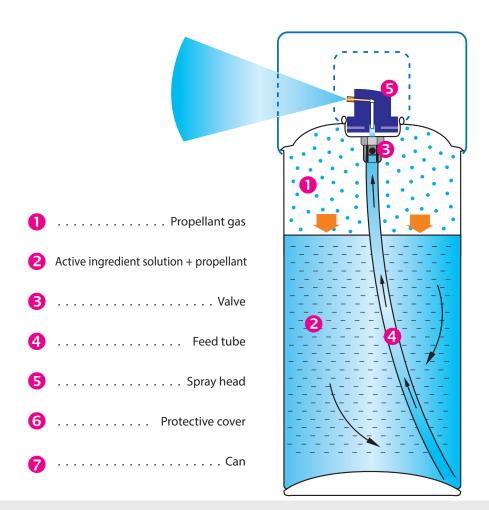
 For safety reasons: if overpressure is generated due to the strong influence of heat, it allows the base to bend outwards and thus alleviate the pressure. It means that the integrity of the spray can is not compromised despite the overpressure.

product when the base itself is concave. The valve, the spray head and the pro-The secret of how it works lies in the mix tective cover are located at the top of

> connected to a vertical feeder tube leading into the inside of the spray

as an expansion space. This ensures that the filled aerosol can can even with-stand temperatures up to +50 °C. An essential element in aerosols is the liquid propellant or propellant gas, since this generates the pressure needed for spraying.

And ultimately, the even the most sophisticated design would be nothing without the product. The active ingredient which is intended for spraying is similarly in liquid form and is mixed with the propellant or propellant gas in the can.



IMPORTANT NOTICE: All information in this brochure is based on our extensive experience, gained over many years, in the manufacture of chemical products and their application. It is also based on external and internal testing in laboratories and in practical tests conducted in-house. Due to the variety of the products and their range of possible uses, we recommend that in the specific instance the proposed application is as-sessed on the basis of your own operational experience. Technical data sheets and safety data sheets are available for all products, in each case reflecting the latest knowledge and understanding. Further to this, there are corresponding recommendations on each individual product pack. Due to the range of possible applications, neither the manufacturer nor the marketing companies domestically or in other countries give a guarantee either expressly or tacitly as to particular outcomes from use of the product and the durability of same, or for the product lifetimes.

## **METALLIC COATING**

• Since 1955 Metaflux represents worldwide the maximum expression of aerosol and paste metallic coating technology with the lowest possible environmental contamination

• Metaflux was the first company in the world to produce zinc in aerosol

• Pure zinc, aluminum, copper and brass in suspension provide compelling quality coatings exceeding all international standards

 99% pure zinc in aerosol or paste suspension represents the best available long-term metallic protection against corrosion ever

• Since 1975 Metaflux metallic coating spray cans work all the time with no purging necessary



# ZINC PASTE Cold galvanizing compound

Being the creator of galvanizing and recognized worldwide since 1955, Metaflux Zinc Paste is a high quality coating with a dry film purity of (96% + -1%) and (98.5% -99%) pure Zinc, thus providing cathodic protection against corrosion especially exposed to the climate and extreme weather conditions. Zinc is the only coating offering double protection to steel, barrier protection and galvanic protection.

Metaflux offers the format of 500g. (70-4050) and the 1 kg format with an integrated brush (70-4002) the only company in the world to offer these options. Also providing 1 kg (70-4001) 10 kgs (70-4010) and spray (70-45)

Metaflux is unquestionably the leader in the field of long-term corrosion protection and was the first company to manufacture aerosol zinc. This product has been specially designed for retouching galvanized parts and protecting metal surfaces. Used in the following fields: Agricultural Machinery - Port Facility - Deck Structures - Stair ramps and many more.

## **PROPERTIES:**

- · Can be used as a single coating or repainted.
- · Same advantages as conventional galvanizing.
- $\cdot$  Can be diluted with the product 70-6301 thinner.
- $\cdot$  Waterfroof, bonded and resistant product.
- · Resistant to temperatures up to 800°C.
- · Mat Gray color no. 16314 (Standard FED-STD-595B)
- · Resistant to salt, salt water, acid rain and corrosion.
- · Quickly dries and can be applied in a single layer up to 150µm. · Zinc paste from Metaflux is distilled to eliminate lead.
- · Can be applied on an old galvanization previously cleaned

## **RECOMMENDED APPLICATION CONDITIONS:**

Ambient temperature (minimum - 5°C) (maximum 40°C) We recommend the use of a solvent (White Spirit) for application at temperature between -5 °C to +5°C

Brush application - roller or spray gun. Shelf life: 1 year open jar / closed jar 3 years.

## **STANDARDS:**

Meets the many requirements of the standards ASTM such as: ASTM 780 - ASTM 780-1 - ASTM B117 - ASTM 123 NATA Standards MSN 7520-99-212-4616. Product approved by the MTQ and GUF 0412. European GMP standards. Standards CN / CGSB.1.181 (withdrawn). Hydro Quebec (A2 / SN.31.101) Metaflux meets ISO 9001- ISO 3549 and ISO 1461 standards. Meets the standards DIN 50.976 (1980)

This information is based on the best of our knowledge and is credible. Because we have no direct or ongoing control over the manner in which the product is used/applied, it does not engage the responsibility of the manufacturer for its completeness, accuracy, and results of its use.



Content	Туре	ArtNo	Dry film zinc content	Zinc purity	Temperature Resistance	(100µm)cover	Dry touch & complete	*
400ml.	Aerosol	70-45	93% (+/- 1%)	98.5 - 99%	+120°C	8 m² (86 ft²)	8-11 min / 24 hre	12
1kg.	Pot	70-4001	96% (+/- 1%)	98.5 - 99%	+800°C	2.5 m <sup>2</sup> (27 ft <sup>2</sup> )	10 min / 24 hre	25
1 kg.	Pot/brush	70-4002	96% (+/- 1%)	98.5 - 99%	+800°C	2.5 m <sup>2</sup> (27 ft <sup>2</sup> )	10 min / 24 hre	25
10 kg.	Pot	70-4010	96% (+/- 1%)	98.5 - 99%	+800°C	25 m² (269 ft²)	10 min / 24 hre	1
1 I.	thinner	70-6301	N.A.	N.A.	N.A.	N.A.	N.A.	12

Color sample







## 70-45 ZINC-SPRAY

## ZINC COATING - CORROSION PROTECTION

COLD GALVANISATION									
Content	Туре	ArtNo	Dry film zink content	Zink purity	Temperature resistance	<b>*</b>			
400 ml	spray can	70-45	93% (+/- 1%)	98.5 - 99%	+120°C	12			
	High and r weath User No.75	Contraction of the second seco							
	•Con		potable water areas 150.976 norm for to 5		Color sample				

## 70-46 GALV-APPRÊT



## **ZINC COATING - CORROSION PROTECTION**

## **COLD GALVANISATION**

Content	Туре	ArtNo	Dry film zink content	Zink purity	Temperature resistance	*
400 ml	spray can	70-46	91% (+/- 1%)	98.5 - 99%	+140°C	12



COLD GALVANISATION

- Fast drying, Firm bond • Smooth surface finish, Waterproof
- 400 ml [13.52 fl.oz] may coat up to 8 m<sup>2</sup> [86 ft<sup>2</sup>.]
- DIN EN ISO 3549:2002

Color sample

#### 79-06 **PORTA ZINC**

## **ZINC COATING - CORROSION PROTECTION**

Content	Туре	ArtNo	Dry film zink content	Zink purity	Temperature resistance	1
400 ml	spray can	79-06	90% (+/- 1%)	98.5 - 99%	+140°C	
	A + :					
	Fast     Ecor	-corrosion zind drying nomical in use be top coatec		etallic surfaces	THE OUP IN THE OUP IN	

#### 70-38 **GALVA PROTECT**

Metaflux GALVA-PROTECT

#### GALVANISATION PROTECTION

UNIQUE WA	TER-BASED PR	RODUCT		
Content	Туре	ArtNo	Temperature resistance	*
1 kg.	pot	70-38	+ 800°C	12



- Quick drying within approx. 2 hours
- No flammable
- One single application is enough
- Easily removed by wire brushing
- Does not interfere with the galvanizing process



## 70-43 ZINC SHEEN

QR codes on any smart phone.

Scan the QR code of the product to see the technical data sheet and much more information. You can download the app(free) that can read



## ZINC-ALU COATING - CORROSION PROTECTION

HOT GALVANISATION

Content	Туре	ArtNo	Dry film zink content	Zink purity	Temperature resistance	*					
400 ml	400 ml spray can		90% (+/- 1%)	98.5 - 99%	+140°C	12					
	appea • Opti • Com • Colo mater • 400	arance mal mix, can b pound color m ring matches v rial base. ml [13.52 fl.oz.]	rosion-proof zinc coa e applied at any time atches with hot-dippe vith the aging proces may coat up to ng to layer thickness	ed galvanized parts ss of the	Color sample						

## 70-42 ZINC-ALU



## **ZINC-ALU COATING - CORROSION PROTECTION**

## HOT GALVANISATION

HOT GALVANISATION

at any time

Content	Туре	ArtNo	Dry film zink content	Zink purity	Temperature resistance	*
400 ml	spray can	70-42	83% (+/- 1%)	98.5 - 99%	+140°C	12
	alumii appea • 400 r [86 ft <sup>2</sup> ] • Dryir enviro	num for shiny Irance. nl [13.52 fl.oz.] .] according to ng time: 4-6 m Inmental hum	n-proof zinc coating finish like hot dip gal ] may coat up to 8 m <sup>2</sup> b layer thickness inutes according to so idity r 8-12 minutes	vanized	Color sample	

## 70-41 ALU-ZINC PASTE



## **ZINC-ALU COATING - CORROSION PROTECTION**

C	ontent	Type	ArtNo	Dry film zink content	Zink purity	Temperature resistance	e 🎸
	1 l.	pot	70-4101	83% (+/- 1%)	98.5 - 99%	+500°C	12
	10 l.	pot	70-4110	83% (+/- 1%)	98.5 - 99%	+500°C	1
	1 l.	thiner	70-6301	N.A.	N.A.	N.A.	12
Com shiny • Imn	pound with finish like nediately	h high alumi hot dip galv drying throi	proof zinc coat num content f anized appea ugh O2 expos pe top coated	for high airless spra rance when usin sure	ly conductive, No aying g nozzle size 4 or .80 fl.oz] may coa	5	ed for

#### when using nozzle size 4 or 5





## **ZINC-ALU COATING - CORROSION PROTECTION**

HOT GALVANISATION										
Content	Туре	ArtNo	Dry film zink content	Zink purity	Temperature resistance	*				
400 ml	spray can	79-01	79% (+/- 1%)	98.5 - 99%	+140°C	12				
	Mad A un Prote Suita Good Quic	le of ultra-brilli ique mix of zin ects metallic su	ic, aluminum and res irfaces from corrosio ups on galvanized su	sins	Color sample					



**79-01 ZINC COMBI** 



## **70-56 SST SPRAY**



## **SST- CORROSION PROTECTION**

SHINY FIR	SHINY FINISH											
Content	Туре	ArtNo	Dry film SST content	Alloys	Temperature resistance	*						
400 ml	spray can	70-56	62%	16% Cr / 10% Ni/ 3% Mo/ 2% Mn	+300°C	12						
	stainle •The c combi steel a •High •Alloy	ess steel content a orrosion-resistan nes the benefits lloy with those o ly resistant to acid	it stainless steel coati of the high stainless f the weatherproof ar	ng tificial resins	Color sample							

## 70-78 SST FINISH

## **SST - CORROSION PROTECTION** SHINY FINISH

Content	Туре	ArtNo	Drying	Cover	*
400 ml	spray can	70-78	fast	6 -8 m² [64-86 ft².]	12
	steel s • High	osion-resistant and waterpro surface coating for a shiny fir ily abrasion-resistant drying ml [13.52 fl.oz.] may coat up 5 ft <sup>2</sup> .]	nish	Color sample	

## 70-16 ALUMINIUM SPRAY



## **ALUMINUM - CORROSION PROTECTION**

## **SHINY FINISH**

Content	Туре	ArtNo	Dry film alu content	Alu purity	Temperature resistance	*
400 ml	spray can	70-16	99.5%	99.5%	+800°C	12
	finis • Anti • Elec • Thei • 400	sh and cathodi -corrosion pro trically conduc mic diffusion	minum lamina for sr tection up to +800° ctive (spot welding) on steel from +825° .] may coat up to 8-1	C [+1 470°F] C [+1 520°F]	Color sample	

70-52 ALUMINIUM SPRAY



## **ALUMINUM - CORROSION PROTECTION**

Content	Туре	ArtNo	Dry film alu content	Alu purity	Temperature resistance	
400 ml	spray can	70-52	99.5%	99.5%	+800°C	12



SHINY FINISH

• Extremely abrasion-resistant aluminum coating for the protection of surfaces subject to frequent manipulation or contact Inhibits corrosion • Thickness at +20°C [+68°F] = 0.655 g/cm<sup>3</sup> [0.38 oz./ in<sup>3</sup>] • 400 ml [13.52 fl.oz.] may coat up to 4-5 m<sup>2</sup> [43-54 ft<sup>2</sup>]



Color sample



#### much more information. You can download the app(free) that can read QR codes on any smart phone.

\* Scan the QR code of the product to see the technical data sheet and

## 70-18 CHROMAL SPRAY



## **CHROMAL** - FINITION

## CHROMAL FINISH LOOK

CINONAL		Son			
Content	Туре	ArtNo	Thickness at 20 ° C	Temperature resistance	*
400 ml	spray can	70-18	0.655g/cm <sup>3</sup>	+400°C	12
	• Prod • Exce • Thicl [0.38 • 400	allic shiny coating for surf luct for professional use o Ilent coverage kness at +20°C [+68°F] = oz./in <sup>3</sup> ] ml [13.52 fl.oz.] may coat 08 ft <sup>2</sup> .]	only 0.655 g/cm <sup>3</sup>	Color sample	

#### **WELD-COPPER SPRAY** 70-49

## **COPPER - FINITION**



## **SHINY FINISH**

SHINY FINISH

Content	Туре	ArtNo	Density	Color	Cover	<b>\$</b>
400 ml	spray can	70-49	0.66 g/cm <sup>3</sup> to 20°C	copper	8 -10 m² 86-108 ft².	12
	densit • Reco • Abras • Bond	y copper coati mmended for sion-resistant Is with any me	on for real high ng spot welding operat tal and solid surfaces tion and decoration y	5	TO THE DEPARTMENT	
	• Econ	omical in use	may coat up to 8-10		Color sample	

## 70-57 COPPER SPRAY

# Metaflux OPPER-SPRA

## **COPPER - FINITION**

Content	Туре	ArtNo	Dry film copper content	Temperature resistance	Cover	*
400 ml	spray can	70-57	56%	+800°C	8 -10 m <sup>2</sup> 86-108 ft <sup>2</sup> .	12
	densi • High • Exce • 400	ty copper coat a content of co ellent conducti	opper in the dry film	0 m²	Color sample	

#### 70-58 **BRASS SPRAY**

## SRASS - FINITION

Content	Туре	ArtNo	Dry film brass content	Temperature resistance	Cover	<b>\$</b>
400 ml	spray can	70-58	67%	+800°C	8 -10 m <sup>2</sup> 86-108 ft <sup>2</sup> .	12



SHINY FINISH

 Brass in suspension for real high density brass coating • High content of brass in the dry film • 400 ml [13.52 fl.oz.] may coat up to 8-10 m<sup>2</sup> [86 -108 ft<sup>2</sup>.]







Metaflu

Color sample

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# CORROSION PROTECTION

• Metaflux corrosion protection products are made to provide metal surfaces with a permanent shield against corrosive agents

• The active process of Metaflux corrosion protection products converts rust into a stable compound, thus allowing the treated surfaces to be top coated with no risk of new corrosion

• Unique time saving products, like Metaflux Rust-Safe Spray 70-37 and 70-44, represent examples of advanced solutions against corrosion with direct application onto rust

• The range of products offers specific protection solutions in aerosol or liquid for tools and machinery in storage or for overseas transportation

Salt spray test results available for rust-neutralizing products



## 70-37 RUST-SAFE RED

## AIRPROOF BARRIER AGAINST RUST

AIRPROOF BARRIER AGAINST RUST



RUST-SAF	E RUST BA	RRIER		
Content	Туре	ArtNo	Salt spray test	Temperature resistance
400 ml	spray can	70-37	600 Heures	+120°C 12
<ul> <li>Primary and secondary corrosion protection for metal surfaces</li> <li>Excellent adhesion to clean or rusty surfaces</li> <li>Good penetration on welded areas</li> <li>Can be top coated with any paint or varnish</li> <li>Highly resistant to acids and alkalis</li> </ul>				
回次辞	• Good	d UV stability, Airproof tant to water infiltratior		Color sample

#### **RUST-SAFE GREY** 70-44

# letaflu

## **RUST-SAFE RUST BARRIER**

Content	Туре	ArtNo	Salt spray test	Temperature resistance	<b>\$</b>
400 ml	spray can	70-44	600 Heures	+120°C	12
	for me • Excell • Good • Can b • Highly	ry and secondary corrosion prote tal surfaces ent adhesion to clean or rusty su penetration on welded areas e top coated with any paint or va y resistant to acids and alkalis UV stability, Airproof	rfaces	Color sample	

#### 70-63 **TS-400 GREY**

Metaflu

## AIRPROOF BARRIER AGAINST RUST

## **RUST PROTECTION**

Content	Туре	ArtNo	Temperature resistance	8
1 kg.	pot	70-6300	15° to 28°C	12
5 kg.	pot	70-6305	15° to 28°C	2
1 I.	Diluant	70-6301	N.A.	12

Color sample

- Fast drying protective primer for all metals
- Provides reliable and permanent protection
- of the treated surface

**RUST CONVERTOR** 

- · Bonds with any blank metal surface
- · Can be top coated with enamel varnish

## 70-35 ROST-I-SOL

ux Metaflu



Content	Туре	ArtNo	Temperature resistance	<b>\$</b>	
400ml.	Spray can	70-35	+175°C	12	
500ml.	pot	70-3550	+175°C	12	

AIRPROOF BARRIER AGAINST RUST

• 90  $\mu$ m layer consumption rate 1 kg = 4-5 m<sup>2</sup> [2.20 lbs. = 43-54 ft<sup>2</sup>.]

- · Lead-free, no-caustic patented brush-on rust neutralizer
- Can be safely cleaned after drying
- Works well on moistened rust
- Can be welded over at any time
- Does neither attack nor damage any painted or zinc surfaces
- 500 hour salt spray test according to DIN 50021 certified







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## 70-39 CORROSION PROTECTOR WAX



## AIRPROOF BARRIER AGAINST RUST

CIRE DE PROTECTION POUR ENTREPOSAGE

Content	Туре	ArtNo	thickness	séchage	*
400 ml	spray can	70-39	0.63 g/cm <sup>3</sup>	70min.	12
	agai • Pern atm • Wate • High	g-term protection for all inst corrosion and oxida nanent elastic protective ospheric influence caus er-repellent n capillary effect Ilent adhesion to all me	tion e film protecting from ing oxidation	FOR IN GERMAN	

## 75-64 KOWA PROTECT WAX

## AIRPROOF BARRIER AGAINST RUST



LONG-TERM PROTECTION WAX

Content	Туре	ArtNo	Temperature resistance	drying	Cover	<b>\$</b>
4 I.	pot	75-6404	-40 to +180°C	70min.	1 l. cover	4
20 l.	pot	75-6420	-40 to +180°C	70min.	approx. 15 m <sup>2</sup>	1
	Fast-     Does     Can     protee	s not attract du	-adhesive when dry ist dipping bath to es		A CONTRACT OF A	



# **MULTIFUNCTION PRODUCTS**

## **5 IN 1: PROTECTS - PENETRATES - LUBRICATES - DEHYDRATES - MAINTAINS**

Extended range of applications when protecting, loosening, lubricating, dehumidifying and maintenance is required. Clean the part and apply the product. If necessary, remove residues with a cloth afterwards. Highly recommended for air gun and rifle maintenance. Prevents grass accumulation on lawn mowers. Excellent for lubricating aluminum for trouble-free punching operations.

Content	Туре	ArtNo	Thickness	Temperature resistance	dielectric	•
400 ml	spray can	70-17	0.718 g/cm <sup>3</sup>	+130°C	N.A.	12
500 ml	spray can	70-1750	0.718 g/cm <sup>3</sup>	+130°C	N.A.	12
1 l.	pot	75-3301	0.718 g/cm <sup>3</sup>	+130°C	56 000 Volts	12
4 I.	pot	75-3304	0.718 g/cm <sup>3</sup>	+130°C	56 000 Volts	4
20 l.	pot	75-3320	0.718 g/cm <sup>3</sup>	+130°C	56 000 Volts	1

## **ADVANTAGES:**

- High performance multifunction spray
- Does neither attack plastic, rubber, fabrics nor paints
- Silicone-free
- Petroleum-free
- Available in spray can, tin and barrel
- Dielectric up to 56.000 Volts
- (bulk liquid 75-33 ONLY)
- Works as lubricant compliant to VG 3 standard



Content	Туре	ArtNo	Density	Temperature resistance	¥
400 ml	spray can	70-47	0.67 g/cm <sup>3</sup> at 20°C	-50°C to +120°C	12
500 ml	spray can	70-4750	0.67 g/cm <sup>3</sup> at 20°C	-50°C to +120°C	12

Extremely wide-range spray to be applied as protection film with capillary effect and dehumidifier for electric connections and systems. Can be safely applied on plastic parts, electric wires and connections, bolts and nuts as an anti-seize and corrosion proof-protection. Recommended as prevention against heavy and light winter frost on any door locks.

## **Benefits**

• 5 highly performing products in 1: spray for electric connections, viscosity spray with capillary effect, dehumidifier for electric systems, anti-corrosion protection, preventive frost protection

- Prevents current leak in humid areas
- Provides ultra-thin viscosity to protect from corrosion
- Acts specifically to prevent formation of oxidation and sulphide
- layers on electric wires and connections
- Loosens seized bolts and nuts, Silicone-free, Penetrates below the water
- Prevents formation of frost in any locks, i.e. buildings, cars, trucks, mailboxes, etc.
- Does not attack neither fabric, rubber nor paints







## 70-97 IMPREGNATION SPRAY

## **WATERPROOFING PRODUCT**

**DURABLE PROTECTION AGAINST WATER** 

Contenu	Туре	ArtNo	Color	
400 ml	spray can	70-97	transparent	12



Effective professional waterproofing product for the impregnation of textiles, fabrics and leather. Durable protection, preserves surfaces. Improves the strength of the materials by protecting them from damage caused by water. For waterproofing: Clothing: work clothes, anoraks, parkas, vests, suits, overalls, ties, pants, blouses, canvas shoes, suede and leather boots, rain-wear, ski wear, sports and leisurewear, briefcases and satchels.



## 70-19 PROTECT SPRAY

Netafi

## **TRANSPARENT PROTECTION REPELS DIRT**

Content	Туре	ArtNo	Temperature resistance	۲
400 ml	spray can	70-19	+100°C	12



- Transparent coating Smooth surface
- Repels dirt
- Permanently elastic
- No discoloration if heated or exposed to UV rays
- Does not alter thermal conductivity



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## 70-05 TORSION SPRAY

ION-SPRA

## NUT & BOLT LOOSENERS

SPECIAL PENETRATING SPRAY BY COLD ACTION

Content	Туре	ArtNo	Dry in	capillarity	<b>\$</b>
400 ml	spray can	70-05	10 min.	high	12
	• The singre • Acid • No r • Can	emely high capillary action slightest tolerances allow the acti dients to penetrate and grease-free esidues left after approx. 10 minu be top coated after approx. nutes from application			

#### 70-08 **SUPER DEGRIP**



• Its contraction effect (chemical cracking) by cooling

SPECIAL PENETRATING SPRAY WITH LUBRICATING ACTION Temperature resistance Content Туре Art.-No Thickness 0.803 g/cm<sup>3</sup> 400 ml 70-08 +60°C spray can Industrial penetrating spray adding lubrication with rust protection additives Little quantity required, Leaves no



deposit of solid particles

- Does not attack painted surfaces
- The lubrication provided by the spray eliminates the need for additional lubricating

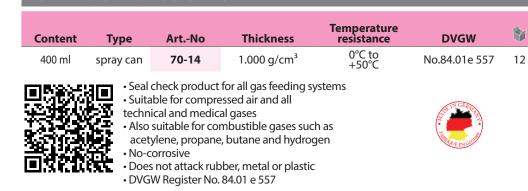




## 70-14 LEAK SEEK SPRAY

## < SEAL CHECK SPRAY

## FOR ALL GAS FEEDING SYSTEMS



## 70-98 CRACK TESTING

## CRACK DETECTION SPRAYS



CRACKS AN	D DEFECTS SEEK				
Content	Туре	ArtNo	Action	*	
400 ml	spray can	70-9801	cleaner	12	
400 ml	spray can	70-9802	contrastor	12	
400 ml	spray can	70-9803	revelator	12	

All sprays are free of corrosive components

Compliant with the following norms:

• DIN 54 152, MIL-SPEC I-25135D, LTF 6850

Lloyds Register of shipping 
 Dutch Central Bureau

Bureau Veritas • German Llyod • Reactor construction

#### 79-08 FREEZE SPRAY



## **INSTANT COOLING ACTION**

Ľ		
P		A-
1	Freeze Sprzy 79-08	
THE R		
~	tomars 400 ml	

Content	Туре	ArtNo	Thickness	
400 ml	spray can	79-08	0.56 g/cm <sup>3</sup>	12



Economical freeze spray with instant cooling action lowering spot temperature down to -40°C [-40°F]. No odor, Safe to use on most surfaces except plastics. Removes gum and tar from cloth. Localizes faults in electrical components. Great for testing thermostats.



## • Metaflux lubricants provide outstanding lubrication and protection against corrosion all-in-one

• Metaflux titanium-based lubricant for metal in aerosol 70-81 or paste 70-85 with temperature resistance within a range of -180°C [-356°F] up to +1 350°C [+ 2 462°F], represents worldwide a unique lubricant solution for high tech civil and military engineering

 Special lubricants enriched with PTFE flakes or based on special advanced formulations provide the right choice for clean industrial and professional lubrication

• With its 51 189 psi pressure resistance, Metaflux moly spray 70-82 represents an example of compelling anti-seize assembly lubricant when extreme loads are involved

Each lubricant is available in a high quality aluminum packaging



## METAL LUBRICANT

## **METAL PASTE LUBRICANT HIGHEST QUALITY**

Content	Туре	ArtNo	Pressure resistance	Temperature resistance	8
400 ml	Aerosol	70-81	2 400 kPa/cm <sup>2</sup>	-180°C to +1 350°C	12
100ml.	gun	70-8501	2 400 kPa/cm <sup>2</sup>	-180°C to +1 350°C	2
4 g.	bag	70-8508	2 400 kPa/cm <sup>2</sup>	-180°C to +1 350°C	2
350 g.	pot	70-8535	2 400 kPa/cm <sup>2</sup>	-180°C to +1 350°C	25
1 kg.	pot	70-8510	2 400 kPa/cm <sup>2</sup>	-180°C to +1 350°C	6

Description: Improves the replacement of moving parts on CNC and milling machines. Prevents wear out, seizing and corrosion of mechanical connections, sliding parts bearing extreme loads (i.e. forklifts), reduces vibration noises (e.g. squeaking of breaks), allows removal of nuts on a damaged threading by remodeling the same. Maintains all metal and steel parts stable in volume and protected against variations induced by cold and heat. Highly recommended for all industrial fields, automotive, civil and military sea ports, water sewage plants, power plants, hospitals, civil and military constructions and installations, etc. Excellent on stainless steels.

#### **Benefits:**

• Unique industrial heavy duty metal lubricant based on titanium to secure highest performance in all extreme conditions throughout the time

- Resistant to saltwater, water, oil, petrol, most acids, lye, gases and vapors
- Abrasion-resistant
- · No-flaking if exposed to continuous heat or rinsing
- Prevents galvanic contact corrosion
- Nickel, copper and aluminum-free with no possibility of electrolyte formation





Brush for 70-8501: item # 70-8502

## 70-65 Crystal LUB



17

## **A DRY LUBRICANT**

## **TRANSPARENT LUBRICATION**

Content	Туре	ArtNo	Transparent	Capillary Effect	*
400 ml	spray can	70-65	Yes	High	12

Metaflux 🕬

Description: "Crystal Lub-Spray" by Metaflux is a dry lubrication spray that can be used in various applications where oil-free lubrication is desired. Overall, oil-free lubrication provides an effective and clean alternative to traditional lubricants in various industries and applications where maintaining a dry and residue-free environment is essential.



• Dry lubrication spray, virtually invisible.

• Equipped with a high capillary effect, it penetrates into the smallest tolerances.

**TITANIUM METAL LUBRICANT** 

70-85 / 70-81

- Forms a uniform sliding and separation film.
- Can also be used for the maintenance of plastic parts.
- Reduces the static charge of the treated parts.
- Repels dirt and water.
- Economical to use.



taflux



## 70-82 ANTI-SEIZE

QR codes on any smart phone.

Scan the QR code of the product to see the technical data sheet and much more information. You can download the app(free) that can read

## METAL LUBRICANT

## PREVENTS WEAR OUT

Content	Туре	ArtNo	Pressure resistance	Temperature resistance	Corrosion protection	8
400 ml	spray can	70-82	3600 kPa/cm <sup>2</sup>	-80°C to +2192°C	yes	12

• High performance assembly and separation lubricant containing metal



pigments to protect against seizing and formation of corrosion · Highly resistant to saltwater, oil, organic solvents,

most acids and lye

Aluminum-free

Friction-resistant metallic film providing a reliable

anti-corrosion barrier



## **70-86 CERAMICS SPRAY**



## METAL LUBRICANT

## WHITE SEPARATING AGENT

Content	Туре	ArtNo	Pressure resistance	Temp. Resistance	Abrasion resistance	۲
400 ml	Spray can	70-86	22 000 N/cm <sup>2</sup>	+ 1 200°C	high	12



• White separating agent and sealant Abrasion-resistant

No-flaking

• Resistant to rinsing, water, oil, petrol, most acids and lye

- Prevents electro-chemical corrosion



- Secures easy disassembly after long time

#### 70-76 **META LUBE II**

Metallux META-LUBE II

## METAL LUBRICANT

CLEAR GI	REASE SPR/	AY				
Content	Туре	ArtNo	Thickness	Temperature resistance	Color	*
400 ml	spray can	70-76	0.600 g/cm <sup>3</sup>	-20°C to +120°C	colorless	12



 Lubricant spray with active ingredients based on special grease for any high precision technology application No dripping Colorless and clean Water-resistant



70-83 DRI-LUBE



## DRY LUBRICANT

Skin friendly

DRY-LUBE SPRAY										
Content	Туре	ArtNo	Pressure resistance	Temperature resistance	Based	*				
400 ml	spray can	70-83	0.625 g/cm <sup>3</sup>	-120°C to +460°C	MoS2	12				



• Dry lubricant based on MoS2 Basis for a maintenance-free running-in lubrication

- on machines and mechanical parts
- Clean friction coating, corrosion protection

Constant friction coefficient

• Extremely pressure-load resistant

Maintains its high lubricating capacity even

after very long time from last application





#### 70-88 CHAIN CLING SPRAY

## CHAIN LUBRICANT



FULLY SYNTHETIC LUBRICANT									
Content	Туре	ArtNo	Pressure resistance	Temperature resistance	*				
400 ml	spray can	70-88	0.683 g/cm <sup>3</sup>	-15°C to +250°C	12				
	• Excell • No dr • No ef • Chem • Silico	synthetic lubricant for high speed ent penetration and adhesion ipping fect on regular O-rings nically stable ne-free parent corrosion protection up to		REAL PROPERTY OF THE REAL PROP					

## 70-07 CHAIN SPRAY



## CHAIN LUBRICANT

## **WHEELSET & CHAIN SPRAY**

Content	Туре	ArtNo	Pressure resistance	Color	¥			
400 ml	spray can	70-07	0.685 g/cm <sup>3</sup>	noir	12			
IN ALL Y	• Dark colored lubricant spray for industrial							



- heavy duty chains and toothed wheels
- Bonds firmly with no dripping
- Resistant to water, waste water and aggressive agents
- Does cope with extremely heavy pressure loads
- Provides excellent protection against wearing and corrosion.
- Does not contain chlorine or heavy metals.

•Ideal for high and low temperatures applications (tested at -20 °C).

#### 70-25 **METAFLON**

## < PTFE LUBRICANT

## **HEAVY DUTY LUBRICANT**

Content	Туре	ArtNo	Density	Temperature resistance	8
400 ml	spray can	70-25	0.67 g/cm <sup>3</sup>	-50°C to +100°C	12
100 ml	spray can	70-2501	0.67 g/cm <sup>3</sup>	-50°C to +100°C	12



- Good flow capacity Prevents freezing up

Bonds firmly with no dripping

- Eliminates grating and squeaking noises
  Does neither attack rubber nor painted surfaces
  - Penetrates below the moisture

## 70-87 PTFE-100

TFE 100



#### **SYNTHETIC LUBRICANT 1** Dry film PTFE content Temperature resistance Content Туре Art.-No -60°C to +260°C 400 ml spray can 70-87 100% 12



Anti-stick lubricant spray for clean 100% pure PTFE coating

Clean and colorless

- Grease-free, Firmly adheres to surface
  - Dust, dirt and water repellent
- Resistant to oil, water and other liquids





P -			
y can	70-25	0.67 g/cm <sup>3</sup>	-50°C to +100°C
y can	70-2501	0.67 g/cm <sup>3</sup>	-50°C to +100°C
• High	performance lubricant	spray with PTFE	







Scan the QR code of the product to see the technical data sheet and much more information. You can download the app(free) that can read QR codes on any smart phone.

#### 70-89 HT-SUPER SPRAY + PTFE



79-03 PORTA SILICON spray

## PTFE LUBRICANT

## **HIGH STRAIN RESISTANT LUBRICANT**

Content	Туре	ArtNo	Thickness	Temperature resistance	*
400 ml	spray can	70-89	0.683 g/cm <sup>3</sup>	+30°C to +200°C	12
<u>ineses</u>	• High	strain resistant lubricant	t spray enriched with PTFE	E	



flakes Prevents seizing and corrosion

Optimal coverage

Secure and fast adhesion

· Resistant to thinned lye, acids and corrosive industrial



## **SILICONE LUBRICANT**

UNIVERSAL SLIDING AND SEPARATION FILM

Content	Туре	ArtNo	Temperature resistance	Color	*
400 ml	spray can	79-03	-40°C to +200°C	colorless	12



 Universal sliding and separation film • Works on metallic surfaces, plastic,

wood, leather and rubber

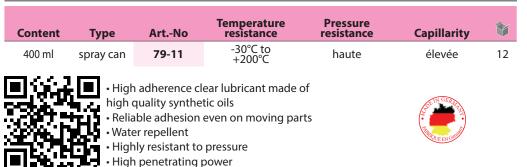
Protects rubber seals from drying out and cracking

#### **PORTA ADHESION POWER** 79-11

## ADHESION LUBRICANT

No odor

## **TRANSPARENT LUBRICANT**



70-06 BELT SPRAY

## **EXTENDS THE LIFETIME OF BELTS**

**BONDING AGENT AND CARE PRODUCT** 

High capillarity

Content	Туре	ArtNo	Thickness	More power	Prolonged life by	•
400 ml	spray can	70-06	0.715 g/cm <sup>3</sup>	50%	100%	12



Bonding agent and care product based on

polyolefins Prevents surface smoothing

Does not contain tar or resins

Achieves performance enhancement of up to 50%

• Extends servicing intervals





20







## **INDUSTRIAL QUALITY OF CUTTING FOAM PRODUCTS.**

BY FAR THE BEST CUTTING FOAM IN THE INDUSTRY !!!

Universal cutting foam for any metal, from the hardest stainless steel and titanium to soft metals like copper, brass, aluminum and cast metal. Can be universally used for all cutting and working processes.

## **TYPICAL APPLICATIONS:**

Drilling metal: spray directly onto the drill bit or the surface to be drilledSawing metal: spray along the cutting edge Internal pipe thread: cutting spray clings to the work-piece.

- Prevents tarnishing on CrNi-steel and copper
- Perfectly adheres to angled surfaces
- Nitrite-free, Compatible with human skin
- No aggressive additives, No unpleasant odors
- Increases drill bit life and cutting tool times by almost 100%
- Increases the cutting performance of metal saws by up to 40%
- Thickness: 0.860 g/cm<sup>3</sup> [0.50 oz./in<sup>3</sup>]





\* Scan the QR code of the product to see the technical data sheet and much more information. You can download the app(free) that can read QR codes on any smart phone.

#### 70-03 / 70-27 TOOL SPRAY



## COOLING DRILLING FOAM

## **RAPIDLY CONDUCTS HEAT AWAY**

Content	Туре	ArtNo	Thickness	Washable?	*
400 ml	spray can	70-03	0.860 g/cm <sup>3</sup>	yes, degreaser	12
100 ml	spray can	70-0301	0.860 g/cm <sup>3</sup>	yes, degreaser	12
50 ml	paste	71-03	N.D.	yes, degreaser	12
400 ml	spray can	70-27	0.860 g/cm <sup>3</sup>	yes, water	12



Prevents tarnishing on CrNi-steel and copper

- Perfectly adheres to angled surfaces
- Nitrite-free, Compatible with human skin
- No aggressive additives, No unpleasant odors
- Increases drill bit life and cutting tool times by almost 100%

Increases the cutting performance of metal saws by up to 40%



## 70-01 SYNTHETIC FLUID



## **CUTTING FLUID**

100% SYNTHETIC FLUID FOR METALS SC

Content	Туре	ArtNo	рН	Color	<b>*</b>
1 l.	liquid	70-0101	8 - 8.5	green - blue	12
4 I.	liquid	70-0104	8 - 8.5	green - blue	4
20 l.	liquid	70-0120	8 - 8.5	green - blue	1
205 l.	liquid	70-0145	8 - 8.5	green - blue	1



- 100% water soluble, Low odor
- Highly resistant to bacterial contamination
- Compatible with most aluminum alloys
- Does not leave spots on machinery
- Not sticky (gummy)



## 75-03 / 70-02 CUTTING OIL



## SPECIAL OIL FOR METALS SOLUBLE



Туре	ArtNo	рН	Color	Origin	*
huile	75-0301	5	brown	Germany	12
huile	75-0304	5	brown	Germany	4
huile	75-0320	5	brown	Germany	1
huile	70-0201	5	brown	Canada	12
huile	70-0204	5	brown	Canada	4
huile	70-0220	5	brown	Canada	1
huile	70-0245	5	brown	Canada	1
	huile huile huile huile huile huile	huile       75-0301         huile       75-0304         huile       75-0320         huile       70-0201         huile       70-0204         huile       70-0220	nuile         75-0301         5           huile         75-0304         5           huile         75-0320         5           huile         70-0201         5           huile         70-0204         5           huile         70-0220         5	huile         75-0301         5         brown           huile         75-0304         5         brown           huile         75-0320         5         brown           huile         75-0320         5         brown           huile         70-0201         5         brown           huile         70-0204         5         brown           huile         70-0220         5         brown	huile75-03015brownGermanyhuile75-03045brownGermanyhuile75-03205brownGermanyhuile70-02015brownCanadahuile70-02045brownCanadahuile70-02205brownCanada

- 100% water soluble
  - Highly resistant to bacterial contamination
- Life span of several months
- Very soft for the hands
- Hypo allergenic in most cases
- pH value: 5.0 (pure product)



## 70-11 ADHESIF SPRAY



## SEALANTS, FILLERS & ADHESIVE

**BONDS QUICKLY** 

DOND'S Q					
Content	Туре	ArtNo	Density	Temperature resistance	<b>\$</b>
400 ml	spray can	70-11	0.705 g/cm <sup>3</sup>	-30°C to +80°C	6



- Ideal as a large-area adhesive
   Bonds quickly
  - Very good adhesive strength
- Resistant to humidity
- Practical and clean in use
- Bonds securely and firmly to the surface
- Thanks to a special spray-on dispenser valve wide areas bene fit of an accurate multi-sectioned spray application
- It of an accurate multi-sectioned spray app
- Short-term heat resistance up to 100°C

70-30 ABRA+

## ANTI-SEIZE AGENT FOR

## **PROTECTION FOR COATED ABRASIVES**

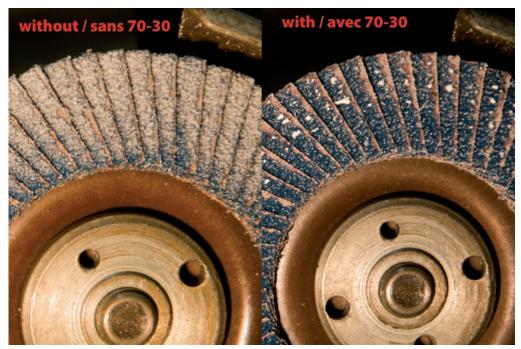
Content	Туре	ArtNo	Thickness	*
400 ml	spray can	70-30	0.715 g/cm <sup>3</sup>	12



Prevents seizing of the abrasive surface Extends lifetime of the cutting or grinding

- surface by several times
- Prevents overheating when grinding
  Silicone-free









 $^{\ast}$  Scan the QR code of the product to see the technical data sheet and much more information. You can download the app(free) that can read QR codes on any smart phone.

## 70-6214 ZINNTEC

Metallux 70-6214	Met
ZINNTEC	State State State
R can also be used as a multi-substitute when repairing ballyees.	
- Resident to many sits and acids comments	And and the local division of the local divi
+ Right fixed resistances are dismostling of parts is recovery	
the of Autom 5 Me Incides and the Street of Automatic	and the other data
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Note: Overdosing on hardener does not accelerate the hardening process, and if the 2-3% ratio is not respected, the quality may be affected.

## **BODYWORK REPAIR**

## **2-COMPONENT FILLER**

Content	Туре	ArtNo	Dry for touching	¥
1370g. + 30g hardener	paste	70-6214	20min	1

Zinntec is a 2-component repair filler for aluminum and steel materials, zinc, GFK, and wood. It can also be used in bodywork repairs as a high-quality replacement for lead solder.







• Resistant to vibration and impact

- Resistant to gasoline, diesel, many oils, and diluted acids
- Non-hygroscopic, shrinks without deformation
- Resistant to weather and corrosion
- No thermal deformation as it can be used cold, no disassembly of parts is necessary
- High heat resistance

• Easy to apply

- Can be sanded easily and without dust after a short drying time
- Has high adhesive and flexural strength
- Can be applied easily on vertical surfaces

#### 70-21 MANUMASTIC



## < SEALANTS, FILLERS & ADHESIVE

## META-FILL KNEADABLE FILLER

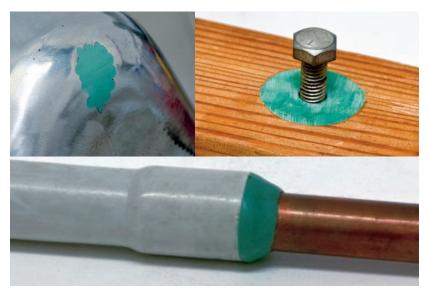
Content	Туре	ArtNo	Temperature resistance	Pressure resistance	Tension resistance	*
100 g.	paste	70-2110	+200°C	7 840 N/cm <sup>2</sup>	2 940 N/cm <sup>2</sup>	12
400 g.	paste	70-2140	+200°C	7 840 N/cm <sup>2</sup>	2 940 N/cm <sup>2</sup>	



- Rapid repair epoxy resin
- Simple to apply
- Can also be used under water
- Can be top coated

• Keeps for at least 3 years (in sealed packaging)







70-04 ANTI-SPATTER

## **ANTI-SPATTER SPRAY**

**PREVENTS ADHESION OF WELD SPATTER** 



Content	Туре	ArtNo	Thickness	Active content	8
300 ml	spray can	70-04	1g/cm <sup>3</sup>	98%	12
	Free of sili     Safe to use     Can be wa     Unthinnee     Very econ	parating agent cones and silicone oils e with galvanized pr oducts ashed off with warm water d active ingredient concentrat omical, No flammable by the German Welding	te	STORE CERTIFICATION	

#### ANTI-SPATTER SPRAY porta 79-04 PORTA ANTI-SPATTER

## **PREVENTS ADHESION OF WELD SPATTER**

Content	Туре	ArtNo	Thickness	<b>\$</b>			
400 ml	spray can	79-04	0.575 g/cm <sup>3</sup>	12			



#### Silicone-free • Washable with warm water • Increases service life of jets and nozzles • Economical to use



#### 75-04 **MULTI-TS**

## **ANTI-SPATTER FLUID**

## **PREVENTS ADHESION OF WELD SPATTER**

Content	Туре	ArtNo	рН	Color	*	
4 I.	liquid	75-0404	9.0	blue	4	
20 I.	liquid	75-0420	9.0	blue	1	
205 l.	liquid	75-0445	9.0	blue	1	
Anti-spatter fluid with temporary corrosion protection						

- Can also be used as a cleaning agent and degreaser
- Prevents adhesion of weld spatter.
- Protects the work piece, the welding nozzle and the welding equipment No flammable

#### **NOZZLE PASTE** 71-04

AMETA Iti-TS

1008



## NOZZLES HEAT PROTECTION

## **BASED ON NATURAL RAW MATERIALS**

Content	Туре	ArtNo	Viscosity	Color	8
250 g.	paste	71-04	6.0 mm <sup>2</sup> /s	white	12



Nozzle cleaning grease

Based on natural raw materials

 No dangerous thermal decomposition products Economical to use



## 70-70 THERMEX



## HEAT PROTECTION PASTE

## 

STOPS WELDING HEAT							
Content	Туре	ArtNo	Thickness	Temperature resistance	<b>\$</b>		
2.5 kg.	paste	70-70	2 g/cm <sup>3</sup>	up to 4000 °C	12		
	• No u • No u • No u • No r • No r	mic thermal protection p innecessary disassembly harring of cables and sea innecessary bur ning awa e-galvanizing, leaves no i lamage to chr ome or pla varping, bruising, twisting	als ay of paint residues astic parts	ENTINGENTIAL			

76-70 GEL PROTECT



## 78-01 LOCK-IT MEDIUM

## HEAT PROTECTION GEL

# **UNIQUE POLYMER GEL HIGH HEAT RESISTANCE**

• Can be used again for several times

Content	Туре	ArtNo	Color	Biodegradable				
1 l.	gel	76-70	colorless	yes	12			



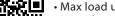
- Reduces the danger of fire
- Prevents from heat damage
- Does perfectly adhere to any vertical surface.
- Skin-friendly: no-toxic
- No-corrosive, Biodegradable



## **THREADLOCKER BLUE**

## **MEDIUM STRENGTH RETAINER**

Content	Туре	ArtNo	Dry to touch	Max. strength	*
10 ml.	liquid	78-0110	10 to 20 minutes	1 to 3 hours	1
50 ml.	liquid	78-0150	10 to 20 minutes	1 to 3 hours	1
250 ml.	liquid	78-0125	10 to 20 minutes	1 to 3 hours	1
<b>  </b> <u> </u> <u> </u> <u> </u>	• Max load up	to 50 Ka [110 lb	s ]		SDE IN U.S



- Max. thread 6 mm to 20 mm  $[\rlap{l4''}{} to \, {}^{3}\!\!\!4'']$ 

THREADLOCKER RED

- Temp. resistance -53°C up to +148°C
- [-65°F up to +300°F]

HIGH STRENGTH RETAINER

## 78-02 LOCK-IT STRONG



Content	Туре	ArtNo	Dry to touch	Max. strength
10 ml.	liquid	78-0210	10 to 20 minutes	1 to 3 hours
50 ml.	liquid	78-0250	10 to 20 minutes	1 to 3 hours

10 to 20

minutes

-37 (m • Max load up to 125 Kg [275 lbs.]

• Max. thread up to 25 mm [1 in.]

liquid

250 ml.

• Temp. resistance -53°C up to +148°C

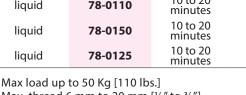
78-0225



1 to 3 hours

1 1

1









# **Theffelics** FOOD INDUSTRY PRODUCTS WITHNSF APPROVAL

NSF is an acronym for the National Sanitation Foundation, an independent no self-interest organisation which determines standards and certification for programmes concerning public health, safety and the environment.

Previously all METAFLUX products developed for use in the food industry were certified by the USDA (US Department of Agriculture) classified as H1 or H2 products. This task is now being carried out by the NSF Registration Programme. The criteria for NSF registration are similar to the ones which were used by USDA. NSF registration is internationally recognised and respected.

Metaflux is proud to be in a position to offer NSF products, this being a part of their continued obligation to ensure safety and quality to the food industry. Year after year new items are introduced into our product range, but these too adhere to the same METAFLUX principles: •Highest possible technical quality • Lowest possible reduction in air quality within the workplace • Maximum protection of the environment. Strict adherence to these principles guarantees that METAFLUX products will stay in the topmost international group now and in the future.



We recommend NSF approved products not only to the food and drinks industry, animal feed producers and the medical sector, but also to companies who place a high value on human-friendly approved products! The merger of German and Swiss production and sales companies represent an international trade-mark which puts three main principles in the foreground on a worldwide basis. Metaflux products are worth the money! Judge our high standards personally and let yourself be inspired by our Metaflux.



## 75-77 UNIVERSAL CLEANER



## **NSF APPROVED CLEANER**

**MULTI-PURPOSE SOLUBLE DEGREASER** 

Content	Туре	ArtNo	рН	Color	*
1 l.	liquid	75-7701	11.5	Pink	12
4 I.	liquid	75-7704	11.5	Pink	4
20 I.	liquid	75-7720	11.5	Pink	1



For the cleaning of industrial and mechanical equipment as well as for vehicles, engines, sign-boards, facades, fittings, heating plants, kitchen installations and in general for degreasing metal and stainless-steel surfaces, also for the removal of algae deposits on stone, synthetics and metal. Spray soiled parts, leave for short time to act, wipe off or spray off.

- Not flammable
- Free of solvents requiring declaration (authorisation).
- Biologically degradable in accordance with EC Regulations.
- Not subject to the quick separation directive (for oil separators)
- Dilute with water, 1:40 according to purpose used.
- Contains corrosion inhibitor for short-term

## 74-50 UNIVERSAL CLEANER SPRAY



MULTI	PURPOSE SOL	UBLE DEGRE	ASER NON-FL	AMMABLE	

NSF APPROVED CLEANER IN SPRAY

Contenu net	Туре	ArtNo	рН	flammable	8
400ml.	aérosol	74-50	10	no	12
	Nonfood Compour NSFA1 Registration # 1641	and vegetab black, resins stainless stee	le oils and greases , waxes, nicotine, p	ner and Degreaser is designed t s, cutting oils and emulsions, in proteins, and other impurities i lcrete surfaces, wood, stone, cer	ks, paints, carbon ndustries of steel,
CODEGRA	THE PROOF	Environ     Does no     flammab	mentally friendly pr trequire the emplo le and dangerous s	ng spray without GHS hazard syr roducts. Biodegradable product byer to train employees to work ubstances ion-irritating product	S

recyclable of natural origin

• Products made from entirely raw materials

## 71-55 FOODLUB GREASE 200

Metatlux OODLUB GREASE 20 WHEN ALCONOMICS

ODLUB GREASE 20

TENERAL DECEMBER

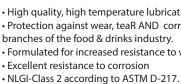
ODLUB GREASE 20

## LUBRICANT GREASE

## **HIGH QUALITY GREASE FOR FOOD INDUSTRIES**

Content T	Гуре	Color	Temperature resistance	ArtNo	Ŵ
400g ti	tube	colorless	-20 ° C to 200 ° C	71-55	12
	Rented Companies Regreen Listed HI Registration # 14240	brewing, d laboratorie in all opera ing, cleani suring cor ings, stam • High • Protee	istilleries, wineries, cat es, milking and newsp ations of food process ng, packaging, cannir nponents, friction be pings, ball bearings, tu quality, high tempera	aR AND corrosion in all	notels, bakeries, ries. To be used ng, frying, cook- examples: Mea- rods, ball bear-

- Formulated for increased resistance to water.
- Excellent resistance to corrosion
- ASTM D-566 drop point: 318 ° C.







## 70-09 / 71-09 BIOLUB



## LUBRICANT PASTE AND SPRAY

SPECIAL LUBRICANT FOR FOOD INDUSTRIES

Content	Туре	ArtNo	Color	Temperature resistance	Density	
400 ml	spray can	70-09	colorless	-30°C to 120°C	15,5 mm2/s	12
350g	pot	71-0935	beige	-40°C to 120°C	0,90 g/cm3	12
400g	tube	71-0940	beige	-40°C to 120°C	0,90 g/cm3	12
						_

- Special lubricant for the whole food industry
  - Free of plant and animal fats (will not go rancid)
  - Not soluble in water, capillary effect
  - Tasteless, odourless, colourless
- Not skin irritant



Program Listed H1 Registration # 14186

Vonfood Compounds Program Listed H1

70-74 SUPRALUB

## ADHESIVE LUBRICANT/CHAIN SPRAY

## SPECIAL LUBRICANT WITH ANTICORROSION PROTECTION

Content	Туре	ArtNo	Color	Temperature resistance	Viscosity	*
400 ml	spray can	70-74	colorless	-5°C to 200°C	70 mm²/s	12

- Odour and taste neutral Highly refined/water white
  - Good oxidization and ageing stability
  - Corrosion protection
  - Simultaneously cleans, protects and cares
  - Reduces friction and wear
- Silicone-free

#### 70-48 **HT-LUB**

## HIGH TEMPERATURE LUBRICANT



## SPECIAL LUBRICANT WITH ANTICORROSION PROTECTION

Content	Туре	ArtNo	Color	Temperature resistance	*
400 ml	spray can	70-48	grey	-40°C to 1400°C	12
	Resistant to hot	and cold welding effects. / cold water, acids and brin against corrosion and wea idation.			

70-64 SILICON SPRAY

LICONE SPRAY

## SLIDE & SEPARATING AGENT

Does not contain metal

## SPECIAL LUBRICANT WITH SILICONE

Content	Туре	ArtNo	Color	Temperature resistance	Thickness	¥
400 ml	spray can	70-64	colorless	-45°C to 220°C	0.690 g/cm <sup>3</sup>	12
	• Prod • Acts	e food industry uces new shin antistatically				E





# 70-31 MULTI-NSF

QR codes on any smart phone.

Scan the QR code of the product to see the technical data sheet and much more information. You can download the app(free) that can read

# Metaflux MULTI-NSF - RELOS NS

# SCREW & RUST LOOSENING

**K1 QUICK CLEANER NSF** 

MULTI-FONCTION SPRAY								
Content	Туре	ArtNo	Color	Temperature resistance	Density	*		
400 ml	spray can	70-31	colorless	-30°C to 120°C	0,69 g/cm3	12		
<ul> <li>400 mi spray can</li> <li>Produces new shine</li> <li>Acts antistatically</li> <li>Prevents hardening, freezing and sticking of rubber components</li> <li>Protects electro-contacts from dampness</li> <li>Neutral odour</li> </ul>				Lune - entre	QUE EN CARD	SF.		

#### 75-11 K1 RAPID CLEANER

# **RAPID CLEANER / DEGREASER**



Content Туре Art.-No Color Density 400 ml 75-11 colorless 0,643 g/cm3 12 spray can • Quick cleaner for the groceries industry with NSF Approval · Removes oils, grease and resin deposits quickly and effectively • Safe de-greasing (e.g. for lacquering processes) • Evaporates quickly and leaves no residue oram Listed K1/K2/K tion # 145905 High material density Suitable for quick cleaning of electrocontacts and

#### 75-01 SST CARE NSF

75-60

-	STAINLES	SS STEEL M	AINTENANCE SPRAY			
	Content	Туре	ArtNo	Color	Thickness	۲
	400 ml	spray can	75-01	colorless	0.633 g/cm <sup>3</sup>	12
		• Mair • Prot • Redu • Leav	ck cleaning of stainless steel surfa ntains and brings new shine ects against finger marks and dir uces oxidization and corrosion ves a protective film o adheres to vertical surfaces		Progra	d Compounds m Listed H1 tion # 141652
leaner K1		TRAL	DEGREASER			

# **NEUTRAL DEGREASER**

NO-CORR	OSIVE, NAT	FURAL BASED DEGREASER			
Content	Туре	ArtNo	Color	рН	
400 ml	spray can	75-60	colorless	7	
∎ SH⊅G					



Oil, fats and grease

- Remove label
- Rubber residuals, lubricant

Adhesive residuals, graffiti

• Ball point, filter tip, pencil mark, ink





# STAINLESS STEEL CLEANER & CARE

## Program Listed H1 Registration # 141653

# CLEANERS & DEGREASERS ENTREMENDEN FRIENDLY

A wide selection of Metaflux & Ameta Selection cleaners and degreasers
Specific multi-purpose cleaners and degreasers for professional and industrial applications
Minimum environmental impact against maximum cleaning and degreasing end results
Each product provides the best of modern cleaning and degreasing technology
Liquid products are available in several packaging sizes according to application requirements







LE SUMMUM DES PRODUITS AMÉRICAINS & EUROPÉENS





#### 76-00 AMETA CLEAN



# **WATER SOLUBLE DEGREASER**

DÉGRAISSANT BIODÉGRADABLE MULTI-USAGE

Content	Туре	ArtNo	рН	Flammable	<b>*</b>
960 ml [32.46 fl.oz.]	sprayer	76-0001	12.7	no	12
4 l [ 1.06 gal.]	pot	76-0004	12.7	no	4
20 l [ 5.28 gal.]	pot	76-0020	12.7	no	1
205 l [ 54.15 gal.]	barrel	76-0045	12.7	no	1



Cleans and removes grease and oil from equipment, industrial and private surfaces. Recommended for farming vehicles, trucks, construction equipment, ships, etc. Also recommended as cleaner/degreaser for barbecues (rinse well with water).

# **WATER SOLUBLE DEGREASER**

BIODEGRADABLE CLEANER	DOUBLE CONCENTRATION
-----------------------	----------------------

Content	Туре	ArtNo	рН	Flammable	*
960 ml [32.46 fl.oz.]	sprayer	76-3101	12.7	no	12
4 l [ 1.06 gal.]	pot	76-3104	12.7	no	4
20 l [ 5.28 gal.]	pot	76-3120	12.7	no	1
205 l [ 54.15 gal.]	barrel	76-3145	12.7	no	1



Cleans and removes grease and oil from equipment, industrial and private surfaces. Recommended for farming vehicles, trucks, construction equipment, ships, etc. Also recommended as cleaner/degreaser for barbecues (rinse well with water).

# HIGH PRESSURE MACHINE DEGREASER

#### NO RUBBING CONCENTRATED CLEANER

Content	Туре	ArtNo	рН	Odor	¥
960 ml [32.46 fl.oz.]	sprayer	76-9401	10.5 - 11.5	citrus	12
4 l [ 1.06 gal.]	pot	76-9404	10.5 - 11.5	citrus	4
20 l [ 5.28 gal.]	pot	76-9420	10.5 - 11.5	citrus	1
205 l [ 54.15 gal.]	barrel	76-9445	10.5 - 11.5	citrus	1



Produces an active foam that acts in hot or cold water, soft or hard and rinses easily. The action of the solvent removes residues, tar, insect deposits, carbonized deposits from truck exhaust pipes and other rolling vehicles. Ideal for general washing of floors and other surfaces.

# WATER-BASED DEGREASER

#### ECOLOGICAL DEGREASER FOR TUBS WASHING

Content	Туре	ArtNo	Color	Exempted according to	Odor	<b>\$</b>
960 ml [32.46 fl.oz.]	sprayer	74-1001	colorless	COV. 2010/75 / UE	apple	12
4 l [ 1.06 gal.]	pot	74-1004	colorless	COV. 2010/75 / UE	apple	4
20 l [ 5.28 gal.]	pot	74-1020	colorless	COV. 2010/75 / UE	apple	12



Cleaner with water-based micro-organisms that removes effectively daily dirt, particularly effective for oil particles, grease, abrasion dust, smoke and soot. Very long life span (up to 8 months). For use in workshops, industries and garages.





AMETE

74-10 ECOLOGIC WATER BASED DEGREASER



#### 76-86 ALU-INOX CLEANER



# **ACID CLEANERS**

#### **BIODEGRADABLE ACID DEGREASER**

Content	Туре	ArtNo	рН	Flammable	•
960 ml [32.46 fl.oz.]	sprayer	76-8601	2-3	no	12
4 l [ 1.06 gal.]	pot	76-8604	2-3	no	4
20 l [ 5.28 gal.]	pot	76-8620	2-3	no	1
205 l [ 54.15 gal.]	barrel	76-8645	2-3	no	1



Intended for cleaning and polishing aluminum tanks and stainless steel surfaces. Aluminum boats, pontoons, stainless steel props, masts & booms, fishing towers, outriggers.

# POWERFUL ACID CLEANERS

#### **POWERFUL SOLUBLE ACID CLEANER**

Content	Туре	ArtNo	force	рН	*
500 ml	sprayer	75-2900	strong	2.5	12
101	pot	75-2910	strong	2.5	4
20 l [ 5.28 gal.]	pot	75-2920	strong	2.5	1
500 ml	sprayer	75-3000	very strong	1	1
101	pot	75-3010	very strong	1	1
20 l [ 5.28 gal.]	pot	75-3020	very strong	1	1
DESTED SEIN GERTY	Cleans he	eavy stains such as cement and lim	nescale blooms, urine	stone, rust, alg	ae marks,



including on brass and copper. Also acts of heavy stains from grease, oil, albumen, water-marks, and dark patches of mildew. Has a germ-inhibiting, antibacterial action. Not suitable for marble and limestone. Areas of use: Industry, craft trades, food and drink operations.

# ACID CLEANERS CONCRETE MIXER TRUCKS

#### ACID STRIPPER FOR THE CONCRETE INDUSTRY

Content	Туре	ArtNo	рН	Flammable	*
960 ml [32.46 fl.oz.]	sprayer	76-9301	1	no	12
4 I [ 1.06 gal.]	pot	76-9304	1	no	4
20 l [ 5.28 gal.]	pot	76-9320	1	no	1
205 l [ 54.15 gal.]	barrel	76-9345	1	no	1



Easily dissolves concrete from concrete mixers and floor flaters. It also removes grease, oil, rust deposits and most dirt from concrete mixers without damaging the paint if used as directed.

# **ACID CLEANER / STRIPPER**

HIGHLY CONCENTRED ACID STRIPPER (WHITENING)

Content	Туре	ArtNo	pН	Flammable	*
960 ml [32.46 fl.oz.]	sprayer	76-8701	1	no	12
4   [ 1.06 gal.]	pot	76-8704	1	no	4
20 l [ 5.28 gal.]	pot	76-8720	1	no	1
205 l [ 54.15 gal.]	barrel	76-8745	1	no	1





Washing product for noble metals such as copper, aluminum, chromium, magnesium, etc. Its double-action formula allows it to be an excellent product for bleaching aluminum. This product is biodegradable, however, we do not recommend cleaning boats or other watercraft close to lakes or rivers to prevent runoff from the product into water.





76-93 **BETON-MAX** 



76-87 DEC'ALU









# SOLVENT BASED DEGREASER

#### **BITUMEN REMOVAL DEGREASER**

Content	Туре	ArtNo		рН	Color				
960 ml [32.46 fl.oz.]	sprayer	76-4601		7	yellow	12			
4   [ 1.06 gal.]	pot	76-4604		7	yellow	4			
20 l [ 5.28 gal.]	pot	76-4620		7	yellow	1			
205 l [ 54.15 gal.]	barrel	76-4645		7	yellow	1			
960 ml [32.46 fl.oz.]	sprayer	76-4901	AL	7	orange	12			
4   [ 1.06 gal.]	pot	76-4904	UN NIC	7	orange	4			
20 l [ 5.28 gal.]	pot	76-4920	NO	7	orange	1			
205 l [ 54.15 gal.]	barrel	76-4945	Ш.	7	orange	1			
	Neutral degreaser based on citrus extracts for fast removal of stubborn oil, grease and adhesive residues,								

Art.-No

75-17

75-88

75-60

75-2700

Adhesive residues on glass surfaces, window frames etc.

and paint drips. Ideal for contractors, municipalities and shops. Works as excellent degreaser for engines,

To remove oil, grease, glue, tar, silicone, resin and rubber residues from tools and washable surfaces. Efficient against pen, pencil and fiber markers writings on surfaces and color stains.

pН

7

7

7

7

12

4

4

12

Flammable

yes

yes

yes

yes



# SOLVENT BASED DEGREASER

HIGHLY CONCENTRATED NEUTRAL UNIVERSAL DEGREASER

garage and concrete floors.

Type

spray can

spray can GEL

spray can NSF

vrac

#### 76-05 TOB CLEAN



79-15 / 79-02 FAST ONE

# SOLVENT BASED DEGREASER

#### **TUBS WASHING CLEANER**

Content

400 ml

400 ml

400 ml

960 ml [32.46 fl.oz.]

Content	Туре	ArtNo	Density	Odor	8
960 ml [32.46 fl.oz.]	sprayer	76-0501	0.78 - 0.81	odorless	12
4 l [ 1.06 gal.]	pot	76-0504	0.78 - 0.81	odorless	4
20 l [ 5.28 gal.]	pot	76-0520	0.78 - 0.81	odorless	1
205 l [ 54.15 gal.]	barrel	76-0545	0.78 - 0.81	odorless	1



Solvent-based special degreaser for wash tubs. Also suitable for cleaning pieces, surfaces and parts covered with dry oil or grease.

Practically odorless, Long-lasting, No harmful vapors.

# SOLVENT BASED DEGREASER

#### **CLEANER DEGREASER WITH FAST/INSTANT DRYING**

- and a	
-	PORTA
Re II Frist One	Rome Court 79-02 Million Court Million Courts
Wasan	
	<u></u>

Content	Туре	ArtNo	Density	Odor	
400 ml	spray can	79-02			
960 ml [32.46 fl.oz.]	sprayer	79-1501	0.78 - 0.81	inodore	12
4 l [ 1.06 gal.]	pot	79-1504	0.78 - 0.81	inodore	4
20 l [ 5.28 gal.]	pot	79-1520	0.78 - 0.81	inodore	1
205 l [ 54.15 gal.]	barrel	79-1545	0.78 - 0.81	inodore	1



Removal of oil and dirt from: brake discs, all brake parts, engines mechanical parts, machines. Quick action and penetration, Not corrosive, Very powerful dissolvent of sticking break dust.



#### much more information. You can download the app(free) that can read QR codes on any smart phone.

Scan the QR code of the product to see the technical data sheet and

#### **SEALANT & ADHESIVE** 70-33



# ADHESIVE & SEALANT REMOVER

FOR REMOVAL OF CYANOACRYLATE AND ANAEROBIC GLUES

Content	Туре	ArtNo	Corrosif	working time	<b>\$</b>
400 ml	spray can	70-33	no	5 to 15 min.	12
	•Worl	cyanoacrylate an ks well as paint re drip gel formula ble and effective		TOTAL DE CARDON	

#### 70-15 RAPID CLEANER

# **FAST CLEANING SPRAY**

**RESIDUE-FREE DEGREASING** 



#### Content Туре Art.-No Corrosive Drying 400 ml 70-15 instant 12 spray can no • Quick cleaning, with no harmful vapors No-irritant • Fully residue-free degreasing Specially recommended for cleaning brakes, oil-burners and electronic circuits

70-91 CONTACT SPRAY

# **ELECTRIC CONTACT CLEANER/PROTECTOR**



76-47 AMETA EXTRA

# DISSOLVES, DISPLACES, SECURES, LUBRICATES, MAINTAINS

Does not attack rubber or plastics

Content	Туре	ArtNo	Corrosive	vapor	*
400 ml	spray can	70-91	no	no	12
	• Quic • No-i • Fully • Spec oil-b • Doe	The second secon			

# **ORANGE POWDER DEGREASER**

#### FOR CONCRETE FLOORS DEEP CLEANING



Content	Туре	ArtNo	Odor	Color	*
20kg	powder	76-47	N.A.	orange	12
	• For i • Simi • Ecor	erful orange pov ndustrial use onl ole to use nomic sant orange odo	у	STOR IN CARPONE	

- Penetrates into the oil/grease stain

#### 75-56 / 70-55 SST CLEANER



# 🗲 STAINLESS-STEEL CLEAN & CARE

#### HIGH-PERFORMANCE SPECIAL CARE PRODUCT FOR STAINLESS STEEL

Content	Туре	ArtNo	Color	Density	
400ml.	spray can	70-55	colorless	0,695 g/cm3	12
500ml.	sprayer	75-5600	colorless	0,797 g/cm3	24
960 ml [32.46 fl.oz.]	sprayer	75-5601	colorless	0,797 g/cm3	12
4 l [ 1.06 gal.]	pot	75-5604	colorless	0,797 g/cm3	4
20 l [ 5.28 gal.]	pot	75-5620	colorless	0,797 g/cm3	1



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

#### 75-44 CLEAN-NOX



## < STAINLESS STEEL GEL CLEANER

#### **POWERFUL DETERGENT GEL FOR STAINLESS STEEL**

Content	Туре	ArtNo	рН	Flammable		
960 ml [32.46 fl.oz.]	sprayer	75-4401	1.5	no	12	
4 I [ 1.06 gal.]	pot	75-4404	1.5	no	4	
20 l [ 5.28 gal.]	pot	75-4420	1.5	no	1	
205 l [ 54.15 gal.]	barrel	75-4445	1.5	no	1	



Highly effective cleaning gel for all stainless steel, aluminum and no-ferrous metal surfaces. Removes deposits such as limescale and cement bloom, extraneous rust, paint runs, welding scale and light grease and oil marks.

#### 75-26 RUST KILLER

t-Kille



FOR SLIGHTLY RUSTED PIECES							
Content	Туре	ArtNo	Soluble	Flammable	۲		
960 ml [32.46 fl.oz.]	sprayer	75-2601	yes	no	12		
4   [ 1.06 gal.]	pot	75-2604	yes	no	4		
20 l [ 5.28 gal.]	pot	75-2620	yes	no	1		
205 l [ 54.15 gal.]	barrel	75-2645	yes	no	1		



Special cleaning agent with rust removing capacity for parts and surfaces that are lightly or moderately affected by initial surface corrosion. Maintenance and repair shops. Removes rust and corrosion on detached parts, tools, and metal surface. Recommended for re-conditioning of old parts and general maintenance.

#### 70-66 **STAINLESS STEEL PICKLING & POLISHING PASTE**



# PICKLING PASTE

#### FOR CHROME-NICKEL-STEEL STRIPPING

Content	Туре	ArtNo	Corrosive	working time	*
330g.	paste	70-6633	yes	less than 5 min.	12
<ul> <li>Stainless steel pickling product</li> <li>For chrome-nickel-steel</li> <li>For preventive removal of:</li> </ul>				Real Provide Action of the Provide Action of	

Art.-No

77-0301

77-0304

77-0320

77-0345

Paint runs, Patches of rust, Residues of adhesive



Flammable

no

no

no

no

pН

8-9

8-9

8-9

8-9

Its cleansing action removes organic dirt and odors in an irreversible way. Its efficacy has been validated according to general Canadian standards (CGSB (F) 2-GP-11M). Bio-Zone contains no solvents and does not release harmful and flammable vapors, its pH is neutral and is completely biodegradable According to OECD 301 E. It is approved by Health Canada for safe use.

12

4

1

1



# **ODMESTIC ALL PURPOSE CLEANER**



#### 76-03 BIO-ZONE+



**ODORS NEUTRALIZER** 

75-83

# **FOOD INDUSTRY CLEANER**

Туре

sprayer

pot

pot

barrel

## FOR INDUSTRIAL USE

FOR DOMESTIC USE

Content

960 ml [32.46 fl.oz.]

4 I [ 1.06 gal.]

20 I [ 5.28 gal.]

205 I [ 54.15 gal.]

Content	Туре	ArtNo	рН	Flammable	
960 ml [32.46 fl.oz.]	sprayer	76-0301	8-9	no	12
4 l [ 1.06 gal.]	pot	76-0304	8-9	no	4
20 l [ 5.28 gal.]	pot	76-0320	8-9	no	1
205 l [ 54.15 gal.]	barrel	76-0345	8-9	no	1
INCO					



Cleaner degreaser, deodorizer, 100% biological based enzymes. It does not contain any Solvents and does not emit harmful and flammable vapors, its pH is neutral and is completely biodegradable according to OECD 301E. Thus, Bio-Zone + offers a safe alternative to chemical solvents, thus eliminating health risks and the requirement to dispose of waste that is toxic to the environment.

# ODORS FRESHNER / NEUTRALIZER

#### **CREATES A FRESH AND FRUITY SCENT**

Content	Туре	ArtNo	Odor	*
400 ml	spray can	75-83	fruity	12



• Eliminates unpleasant odors Fresh and fruity scent

Long-lasting, long-lasting product





• Effective even for large spaces thanks to the TURBO JET



74-94 V-SECURE

# 

# **CLEANER WITH HYGIENIC ACTION**

ANTIBACTERICIDE DETERGENT								
Content	Туре	ArtNo	рН	Dilution	*			
960 ml [32.46 fl.oz.]	spray	74-9401	10	yes 10:1	12			
4 l [ 1.06 gal.]	bottle	74-9404	10	yes 10:1	4			
20 l [ 5.28 gal.]	bottle	74-9420	10	yes 10:1	1			
205 l [ 54.15 gal.]	tob	74-9445	10	yes 10:1	1			
	<b>Content</b> 960 ml [32.46 fl.oz.] 4 l [ 1.06 gal.] 20 l [ 5.28 gal.]	Content         Type           960 ml [32.46 fl.oz.]         spray           4 l [ 1.06 gal.]         bottle           20 l [ 5.28 gal.]         bottle	960 ml [32.46 fl.oz.]         spray         74-9401           4 l [ 1.06 gal.]         bottle         74-9404           20 l [ 5.28 gal.]         bottle         74-9420	Content         Type         ArtNo         pH           960 ml [32.46 fl.oz.]         spray         74-9401         10           41[1.06 gal.]         bottle         74-9404         10           201[5.28 gal.]         bottle         74-9420         10	Content         Type         ArtNo         pH         Dilution           960 ml [32.46 fl.oz.]         spray         74-9401         10         yes 10:1           41[1.06 gal.]         bottle         74-9404         10         yes 10:1           201[5.28 gal.]         bottle         74-9420         10         yes 10:1			



Reliably clean steel, tiles, wood, plastic and all other washable surfaces. Eliminates micro-organisms from contaminated surfaces. Thanks to its degreasing properties, it acts on the lipid membrane of viruses and dissolves it, making surfaces hygienically clean. VOC FREE, non-flammable & non-abrasive.



#### 74-95 V-SECURE GLASS



# **CLEANER WITH HYGIENIC ACTION**

#### ANTIBACTERICIDE DETERGENT FOR GLASS

Content	Туре	ArtNo	рН	Dilution	<b>\$</b>
960 ml [32.46 fl.oz.]	spray	74-9501	11.4	no	12
4   [ 1.06 gal.]	bottle	74-9504	11.4	no	4
20 l [ 5.28 gal.]	bottle	74-9520	11.4	no	1
205 l [ 54.15 gal.]	tob	74-9545	11.4	no	1



Reliably cleans all glass surfaces, polycarbonate, acrylic, plastic, and all other washable surfaces. Eliminates micro-organisms from contaminated surfaces. Thanks to its degreasing properties, it acts on the lipid membrane of viruses and dissolves it, making surfaces hygienically clean. Ready to use: quick-drying and does not leave a mark.



# **CAR CLEANING & CARE**

A selection of highly professional products for car cleaning & care...

CLEANING WIPES

**CAR BODY** 

TIRES

WHEEL RIMS

**INTERIORS** 

FIBERGLASS & ACRYLIC

GLASS & MIRRORS

ENGINE

LUBRICATION







# VEHICLE BODY CLEANER

HIGH QUALITY SOAP WITH ADDED WAX

Content	Туре	ArtNo	рН	Flammable	*
960 ml [32.46 fl.oz.]	sprayer	76-9501	6.5-7.5	no	12
4 l [ 1.06 gal.]	pot	76-9504	6.5-7.5	no	4
20 l [ 5.28 gal.]	pot	76-9520	6.5-7.5	no	1
205 l [ 54.15 gal.]	barrel	76-9545	6.5-7.5	no	1



Shampoo foam generates an intense and persisting foam that removes dirt from the vehicle body and other washable surfaces. Its formula ensures perfect removal of dust, dirt and deposited particles. The added high quality wax leaves a protection film with a shiny finish.

# SUG STAIN CLEANER

#### **QUICK & EASY BIODEGRADABLE CLEANING**

Content	Туре	ArtNo	рН	Flammable	
960 ml [32.46 fl.oz.]	sprayer	76-1901	11.5	no	12
4 I [ 1.06 gal.]	pot	76-1904	11.5	no	4
20 l [ 5.28 gal.]	pot	76-1920	11.5	no	1
205 l [ 54.15 gal.]	barrel	76-1945	11.5	no	1



Removes insects and bugs from car, motor bike and truck bodies. Also removes dirt, grease and oil spots that generally resist to generic cleaners. Leaves a perfectly clean surface. Apply to the surface and leave to act for few seconds. Remove the product with a sponge or a clean cloth wipe.

#### 76-24 / 76-28 ENGINE CLEAN



AMETR

# **ENGINE CLEANERS**

**DEGREASER FOR ALL KIND OF ENGINE** 

			Contraction of the second s		
Content	Туре	ArtNo	Power	рН	<b>\$</b>
960 ml [32.46 fl.oz.]	sprayer	76-2401	strong	12.7	12
4 l [ 1.06 gal.]	pot	76-2404	strong	12.7	4
20 l [ 5.28 gal.]	pot	76-2420	strong	12.7	1
960 ml [32.46 fl.oz.]	sprayer	76-2801	very strong	12.7	12
4 l [ 1.06 gal.]	pot	76-2804	very strong	12.7	4
20 l [ 5.28 gal.]	pot	76-2820	very strong	12.7	1



Special industrial power cleaner and degreaser for engines. Highly penetrant for a thorough removal of dirt deposits from any engine surfaces. The product is based on an approved formulation technology containing powerful cleaning and degreasing agents that rapidly dissolve dirt, grease, asphalt, fresh varnish and materials.

# 76-14/76-86 ULTRA-MAG KARA WHEEL RIM CLEANER

#### HIGHLY CONCENTRATED DEGREASER

Content	Туре	ArtNo	Power	pН	<b>\$</b>
960 ml [32.46 fl.oz.]	sprayer	76-1401	alkaline	12.7	12
4 l [ 1.06 gal.]	pot	76-1404	alkaline	12.7	4
20 l [ 5.28 gal.]	pot	76-1420	alkaline	12.7	1
960 ml [32.46 fl.oz.]	sprayer	76-1501	acid	3	12
4 l [ 1.06 gal.]	pot	76-1504	acid	3	4
20 l [ 5.28 gal.]	pot	76-1520	acid	3	1



Cleaner to bring back shine on aluminum and dull stainless steel parts. Efficient remover of diesel combustion residues, oxidation and grease. No contents of solvents based on aromatic, aliphatic or chlorinated hydrocarbons.Frottez par un chiffon et rincez to l'eau. Normalement une petite quantité suffit. Répétez l'opération en case de saleté résistante.



#### 76-25 TAPIS'NET



# **CARPET CLEANER**

#### **QUICK & EASY BIODEGRADABLE CLEANING**

Content	Туре	ArtNo	рН	Flammable	*
960 ml [32.46 fl.oz.]	sprayer	76-2501	11.5	no	12
4 I [ 1.06 gal.]	pot	76-2504	11.5	no	4
20 l [ 5.28 gal.]	pot	76-2520	11.5	no	1
205 l [ 54.15 gal.]	barrel	76-2545	11.5	no	1
	сі <u>чі</u> ті і				



Cleaner with industrial strength to remove stains on carpets and fabrics. • Biodegradable

No flammable
 No-corrosive

No-abrasive

Phosphate-free

76-17 BOAT-IN

# AIMETR BOAT-IN O

# SOAT INTERIORS CLEANER

**GENERAL PURPOSE CLEANER FOR AQUATICS VEHICLES** 

Content	Туре	ArtNo	рН	Flammable	*
960 ml [32.46 fl.oz.]	sprayer	76-1701	11.5	no	12
4   [ 1.06 gal.]	pot	76-1704	11.5	no	4
20 l [ 5.28 gal.]	pot	76-1720	11.5	no	1
205 l [ 54.15 gal.]	barrel	76-1745	11.5	no	1



Special general purpose cleaner specifically developed for cleaning and care of boat interiors. The product is based on an approved formulation technology containing powerful cleaning and degreasing agents that rapidly dissolve dirt, grease, dust, pencil marks, shoe marks and all the types of dirt that generally offer resistance to common cleaners. After application surfaces appear clean with no oil/grease smears.

#### 76-18 / 76-16 BOAT-OUT



# **BOAT HULL CLEANER**

#### **POWERFUL CLEANER FOR AQUATICS VEHICLES**

Туре	ArtNo	рН	Puissance	
sprayer	76-1801	11.5	alcalin	12
pot	76-1804	11.5	alcalin	4
pot	76-1820	11.5	alcalin	1
barrel	76-1845	11.5	alcalin	1
sprayer	76-1601	2-3	acide	12
pot	76-1604	2-3	acide	4
pot	76-1620	2-3	acide	1
barrel	76-1645	2-3	acide	1
	sprayer pot pot barrel sprayer pot pot	sprayer         76-1801           pot         76-1804           pot         76-1820           barrel         76-1845           sprayer         76-1601           pot         76-1604           pot         76-1620	sprayer         76-1801         11.5           pot         76-1804         11.5           pot         76-1820         11.5           barrel         76-1845         11.5           sprayer         76-1601         2-3           pot         76-1604         2-3           pot         76-1620         2-3	sprayer         76-1801         11.5         alcalin           pot         76-1804         11.5         alcalin           pot         76-1820         11.5         alcalin           barrel         76-1845         11.5         alcalin           sprayer         76-1601         2-3         acide           pot         76-1604         2-3         acide           pot         76-1620         2-3         acide



Special general purpose cleaner specifically developed for cleaning and care of boat hulls. The product is based on an approved formulation technology containing powerful cleaning and degreasing agents that rapidly dissolve dirt, grease, algae, salt stains, and all the types of dirt that generally offer resistance to common cleaners.

44



#### 76-20 **GREEN POLISH**



**PROFESSIONAL POLISHING LIQUID/PASTE (MEDIUM GRAIN)** 

Content	Туре	ArtNo	рН	Grain	*
250 ml	pot	76-2025	N.A	medium	24
960 ml [32.46 fl.oz.]	pot	76-2001	N.A.	medium	12
4 l [ 1.06 gal.]	pot	76-2004	N.A.	medium	4



high performance liquid polish paste specifically made for professional cleaning and polishing of aluminum, magnesium and stainless steel surfaces. Intended for professional cleaning and polishing of aluminum, magnesium and stainless steel . Excellent for alloy wheel rims. Shake well before use. Pour a small quantity of product on a buffer and rub it on the selected area in circular clockwise direction. . A clean cotton cloth will help to remove excessive polish from the surface.



#### **WHITE POLISH** 76-21

## **VICENTIAL OF ALU/CHROME/SST PROFESSIONAL POLISHING LIQUID/PASTE (FINE GRAIN)**

Content	Туре	ArtNo	рН	Grain	
250 ml	pot	76-2125	N.A.	fine	24
960 ml [32.46 fl.oz.]	pot	76-2101	N.A.	fine	12
4 l [ 1.06 gal.]	pot	76-2104	N.A.	fine	4



high performance liquid polish paste specifically made for professional cleaning and polishing of aluminum, magnesium and stainless steel surfaces. Intended for professional cleaning and polishing of aluminum, magnesium and stainless steel . Excellent for alloy wheel rims. Shake well before use. Pour a small quantity of product on a buffer and rub it on the selected area in circular clockwise direction. A clean cotton cloth will help to remove excessive polish from the surface.



#### 76-90 **REVOLUTION**

# VEHICLE BODY PROTECTION

#### FORMULA BASED ON MAGNETIC POLYMERS

Content	Туре	ArtNo	Flammable	Biodegradable	
960 ml [32.46 fl.oz.]	sprayer	76-9001	no	yes	12
4 l [ 1.06 gal.]	pot	76-9004	no	yes	4
20 l [ 5.28 gal.]	pot	76-9020	no	yes	1
205 l [ 54.15 gal.]	barrel	76-9045	no	yes	1



Revolution shampoo provides a unique formula based on magnetic polymers that replace wax and its additional applications after washing. One application every month guarantees a brand new shine of the vehicle body.

# VEHICLE BODY PROTECTION

#### **HIGH QUALITY CREAM / WAX FOR VEHICLES**

Content	Туре	ArtNo	Cire	Biodegradable	
960 ml [32.46 fl.oz.]	sprayer	76-9801	liquid	yes	12
4 l [ 1.06 gal.]	pot	76-9804	liquid	yes	4
20 l [ 5.28 gal.]	pot	76-9820	liquid	yes	1
205 l [ 54.15 gal.]	barrel	76-9845	liquid	yes	1
960 ml [32.46 fl.oz.]	sprayer	76-9701	paste	yes	12
4 l [ 1.06 gal.]	pot	76-9704	paste	yes	4
20 l [ 5.28 gal.]	pot	76-9720	paste	yes	1



Product allowing you to shine/protect your car in just 10 minutes. In addition to providing a high gloss finish with its carnauba formula, our wax contains hydrophobic polymers and takes advantage of nanotechnologies to provide long-lasting protection against weather and road contaminants.



76-98 / 76-97 **CAR WAX AND PASTE** 

45

#### 76-99 BLACK-IT

QR codes on any smart phone.

\* Scan the QR code of the product to see the technical data sheet and much more information. You can download the app(free) that can read



# TIRE GLOSS LIQUID

#### LONG LASTING BLACK-IT TIRE DRESSING

Content	Туре	ArtNo	finition	Flammable	*
960 ml [32.46 fl.oz.]	sprayer	76-9901	shining	yes	12
4 l [ 1.06 gal.]	pot	76-9904	shining	yes	4
20 l [ 5.28 gal.]	pot	76-9920	shining	yes	1
205 l [ 54.15 gal.]	barrel	76-9945	shining	yes	1



Black-it tire dressing is a premium dressing that produces a deep black, glossy appearance on new and nearly new tires, as well as a deep black, natural appearance on older tires with a long-lasting durability.

#### 76-23 VITRE PLUS

#### 70-13 COCKPIT SPRAY

# NO RESIDUES, DEEP CLEANING

GLASS & MIRRORS CLEANER

					4
Content	Туре	ArtNo	рН	Flammable	
400 ml	spray can	75-18	11.5	yes	12
960 ml [32.46 fl.oz.]	sprayer	76-2301	11.5	no	12
4   [ 1.06 gal.]	pot	76-2304	11.5	no	4
20 l [ 5.28 gal.]	pot	76-2320	11.5	no	1
205 l [ 54.15 gal.]	barrel	76-2345	11.5	no	1



No flammable, No-corrosive and No-abrasive
Phosphate Free: Does Not Release Steam

Alcohol-free and ammonia-free

#### With natural fragrance

# NETTOYANT SURFACE PLASTIQUE



# ENTRETIEN SURFACE PLASTIQUE ET CAOUTCHOUC

Content	Туре	ArtNo	Smearing	
400 ml	spray can	70-13	no	12
	No-smear     Cleaned s	dust and dirt with no efstrong ing urfaces appear like brand new dust attraction v scented	The December of the second	

#### 77-04 BIO-ZONE LEATHER 76-1301 LEATHER CONDITIONER



# LEATHER TREATMENT & CLEANING

#### **CLEANER AND CONDITIONER FOR LEATHER**

Content	Туре	ArtNo	рН	Action	
960 ml [32.46 fl.oz.]	sprayer	77-0401	8-9	cleaner	12
4 l [ 1.06 gal.]	pot	77-0404	8-9	cleaner	4
20 l [ 5.28 gal.]	pot	77-0420	8-9	cleaner	1
960 ml [32.46 fl.oz.]	pot	76-1301	N.A.	conditioner	12
					-



Intended for professional protection of leather upholstery in cars, trucks, vans, motorhomes, boats, homes, offices, etc. **76-1301:** Special liquid intended for professional protection of leather upholstery. It contains an oil base for an excellent spreading on any leather surfaces and long-lasting protection. **77-04:** Thanks to its ideal composition of 100% biological surfactants and enzymes, it safely removes grease stains and organic soils from all leathers. Indeed, it acts at depth and on the surface without altering or modifying the **46** 

# NATURAL solvent free hand cleaners

Macrocream and Sendy wipes are 100% natural and solvent-free industrial hand cleaners. Made for professionals looking for advanced products that fully respect the human skin, as well as the environment, while providing the best cleaning action ever.

Macrocream and Sendy wipes maintain the skin pH value and are therefore the products recommended to people with skin problems who need to wash their hands several times a day. North American professionals now have access to unique hand cleaners made in Italy by Nettuno, leader in solvent-free hand detergents.

Metaflux hand cleaning and protection products represent the pinnacle of the "made in Germany" quality product range. Dermatologically tested, these products are free of toxic agents and provide features exceeding typical standards.



Art.-No

01047

00175

00790

00324

00967

00785

00310

00451

00297

ABRASIVE SOAP FOR HANDS

**MACROCREAM NATURAL HANDS CLEANER** 

**Contenu net** 

250ml.

1 | [32.46 fl.oz.]

3 | [0.79 gal.]

5 | [ 1.32 gal.]

12 x 250ml.

Wall Display

Wall Display T-DUCK

Wall Display T-WALL

Spare pump



00175



Display for 01047 12 x 01047



T-DUCK for T-BAG 00790 item number: 00310

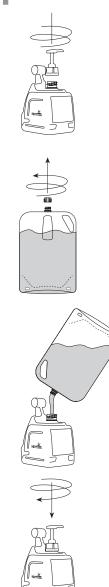


T-WALL for T-BOX 00324 item number: plastic= 00451 Stainless Steel: 00327



SPARE PUMP/SPRAY For T-BOX 5000ml. 00324 item number: 00297

For T-BOX small 1000ml. 00175 item number: 00555



1

2

3

4





#### 00790

#### HAND CLEANSING CREAM WITH NATURAL MICROSPHERES

3 000 ml [0.79 gal. ] Macrocream T-Bag Refill Bag size:H. 340 mm x W. 260 mm The T-Bag refill is intended as a one-size refill for both the T-Box pump and T-Big wall dispenser.

Macrocream is a 100% natural and solvent-free creamy hand cleanser with unique detergent and softening properties. The washing base is a combination of solvent-free and skin-friendly ingredients providing a highly effective detergent action against any kind of dirt.

Macrocream also contains fine microspheres of vegetable origin that strengthen its cleansing action. Thanks to the same pH value as the human skin, it can be used as often as needed without causing any reddening of the skin. 3000 ml Macrocream with glycerin is enough for 1000 hand washing operations to remove both greasy and dry dirt.

#### RANGE OF APPLICATIONS

Grease, oil, hydrocarbons, bitumen, paint, enamel, silicone, adhesive, resin and graphite.



18

12

6

4

12

1

1

1

1

Q

1

Type

tube

pump

refill bag

pump

Display for 01047

distributor for T-BAG

support for T-BAG

support for T-BOX

Spare pump for T-BOX







#### SENDYGIEN





#### NOT IRRITATING: GENTLE TO THE SKIN

Content	Туре	ArtNo	
1000ml.	spray	00507	12
5000ml.	bottle	00579	4

Sanitizing liquid soap characterized by the presence of OPP. Sendygien is ideal for professionals operating in environments subjected to hygiene inspections and quality audits of the HACCP procedures, for example: the food and restaurant industry. It is an essential product, free of any contaminants such as coloring or fragrance, meaning it is particularly delicate on the skin.

· Savon sans ingrédients contaminants: sans couleur ni parfum ni solvant.

• N'est pas irritant: doux pour la peau.

Biodégradable.

• Format portable et pratique: 1 000 ml. = 500 lavages de main...



#### HAND SANITIZER



# NPN FDA APPROVED SANITIZER

# ETHYL ALCOHOL 80% - KILL 99.9% OF GERMS

Content	Туре	ArtNo	
12ml.	pencil pocket spray	09726	1
59ml.	spray bottle	09853	1

Liquid spray to quickly clean and disinfect hands. Hygienizes hands without the need for water.

- Kills 99.99% of germs.
- Contains 80% Ethyl Alcohol
- Portable and practical format

COMPLIES WITH NPN 80101730 HEALTH CANADA AND FDA

• Rapid evaporation, fragrance-free and does not dry the skin.





# ALCOHOL FREE HAND SANITIZER

#### **KILL 99.9% OF GERMS WITHOUT DYING THE SKIN**

Content	Туре	ArtNo	۲
100ml.	spray	00645	24
300ml.	spray	00600	12
800ml.	bag	10500	6
Display for bag	wall display	92500	1

Spray lotion for quick hand hygiene. No need of using water. Does not contain alcohol. To be used in any situation where total hygiene is required.

- Safe for the skin, does not irritate
- Biodegradable.
- Alcohol-free; Not flammable
- No need for water.Dermatologically tested









# **KILL PLUS**



**SENDY WIPES** 

00813

# HAND CLEANING WIPES (ANTIBACTERIAL)

#### **SOLVENT FREE WIPES**

**EMOLIENTS ABRASIVE SOAP** 

Content	Туре	ArtNo	
40 wipes 15x20 cm.	wet wipes	00087	6
100 wipes 26x27 cm.	wet wipes	00813	4



Sendy wipes are lightly abrasive wet wipes in no-woven fabric, large and resistant, for HEAVY DUTY DIRT. They are intended for people working in environments where water and soap are not within reach, or for those workers who cannot leave their workplace during the day even when dealing with resistant and sticky dirt. They contain lanolin to protect and nourish the skin and are enriched by an effective anti-bacterial additive - tested by an external laboratory according to BSEN 1276:1997 and BSN 12054:1995 standards to guarantee their resistance to salmonella, listeria, E. Coli and Weil's disease.

#### 76-48 **CLEAN-IT**

Content	Туре	ArtNo
4 l [ 1.06 gal.]	pot	76-4804
20 l [ 5.28 gal.]	pot	76-4820



**TS-800 SENDY POUCH** 

Content

800 ml [27.05 fl.oz. ]

#### Abrasive soap with solvent. Very economic and effective.

· Biodegradable hand cleaner for use with or

ABRASIVE SOAP WITH SOLVENT

- without water
- Contains emollients and mild abrasive
- harmless for hand skin Cherry scented

GENERAL PURPOSE SOAP



12 Δ

6

6

6

**TS-800** 



**T-SMALL** 



800 ml [27.05 fl.oz. ] 800 ml [27.05 fl.oz. ] 10300 spray Hand cleaning in public areas. Delivered as soap, spray or foam, Sendy by Nettuno is a modern and mild hand soap with softening properties intended for public areas, such as: offices, schools, restaurants, airports, etc. The formulation provides an effective removal of light dirt from hand skin.

It preserves the hydrolipidic film balance of skin, leaving hands delicately

Type

gel

mousse



Art.-No

10100

10200

# **WALL DISPENSER FOR TS-800**

#### **T-SMALL FOR SENDY POUCH SOAP**

scented.

Content	Туре	ArtNo	
T-Small wall dispenser WHITE	gel	90100	1
T-Small wall dispenser WHITE	spray	90400	1
T-Small wall dispenser WHITE	foam	90600	1



Elegant wall dispenser available in two colors for hand cleaning in public areas. The T-Small wall dispenser is available with three pumping systems to dispense either soap in spray, foam or liquid state (one pumping /dispensing system on board only). Once empty, the dispenser simply needs to be shell-opened with the included plastic key to be refilled with the available 800 ml [27.05 fl.oz.] Sendy pouch, which must match with the pumping / dispensing system on board (i.e. spray dispenser with Sendy Spray). Sendy pouches are not interchangeable! The T-Small dispenser includes a scented tablet. Mixed scented tablets available.





#### T-LINE



# < NETTUNO DISPLAY T-LINE

#### **EXPO T-LINE FOR NETTUNO PRODUCTS**

FOR CONDITIONING OF HAND SKIN

Units content	Туре	Display content	
5 l [ 1.32 gal.]	pump	4 x 00324	4
3 l [ 0.79 gal.]	bag	9 x 00790	6
20 l [ 5.28 gal.]	wipes bucket	6 x 00813	1
an anna a sua			



Macrocream is a 100% natural and solvent-free creamy hand cleanser with unique detergent and softening properties. The washing base is a combination of solvent-free and skin-friendly ingredients providing a highly effective detergent action against any kind of dirt. Macrocream also contains fine microspheres of vegetable origin that strengthen its cleansing action. Thanks to the same pH value as the human skin, it can be used as often as needed without causing any reddening of the skin.

#### 75-82 HYDRATING CREAM



# HANDS CARE & PROTECTION

Content	Туре	ArtNo	Odor	*
100 ml [3.38 fl.oz.]	cream	75-82	natural	12
	itended for the protection an kin. Dermatologically safe hand p	d conditioning of hand protection cream	THE IN GERNARD	



Based on bees-wax and allantoin

Spreads easilyLeaves a pleasant feeling on the skin



#### 70-28 HAND PROTECTION FOAM

# HANDS CARE & PROTECTION

PROTE	CTS ΗΑΙ	NDS AG/	AINST HE	AVY DIRT

Content	Туре	ArtNo	Density	Odor	8
400 ml	spray can	70-28	0,945 g/cm <sup>3</sup>	natural	12
i i skar	• Derm	atologically tested			



Water-resistant and soap-resistant
Prevents skin irritations: No-toxic
Allows the skin to breathe and transpire normally
Prevents skin from drying out
Very good coverage



ACCESSORIES

# VAPORISATOR / PUMP / SPOUT ACCESSORIES FOR CLEANER



Content	Туре	ArtNo	
1.5 l [50.72 fl.oz.]	alkaline products	75-3099	1
1.5   [50.72 fl.oz.]	acid products	75-3199	1
1.5 l [50.72 fl.oz.]	solvent based products	75-2799	1
960 ml [32.46 fl.oz.]	general purpose	R23-400	12
N.A.	spout for20l.	74-1010	24

Very high quality plastic spray for cleaners. Especially designed for industrial / professional use.

# **CHEMICAL**

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70-37	Rust Safe Spray (Rust-Brown) 400 ml	9
70-38	Galva-Protect 1 Kg [2,20 lbs.]	3
70-39	Corrosion Protector Wax 400 ml	10
70-4001	Zinc Paste 1 Kg [2.20 lbs.]	2
70-4002	Zinc Paste 1 Kg [2.20 lbs.] with brush	2
70-4050	Zinc Paste 500 g.	2
70-4010	Zinc Paste 10 Kg [22 lbs.]	2
70-4101	Alu-Zinc Paint-Ready Paste 1   [33.80 fl.oz.]	4
70-4110	Alu-Zinc Paint-Ready Paste 10 I [2.64 gal.]	4
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70-44	Rust Safe Spray (Gray) 400 ml [13.52 fl.oz.]	9
70-45	Zinc Spray 400 ml [13.52 fl.oz.]	2 - 3
70-46	Zinc Base Spray 400 ml [13.52 fl.oz.]	3
70-47	Multi Spray 400 ml [13.52 fl.oz.]	12
70-4750	Multi Spray 500 ml	12
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70-55	Stainless Steel Care Spray 400 ml Stainless Steel Spray 400 ml [13.52 fl.oz.]	5
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70-6300	TS 400 Rust Protection (Gray) 1 Kg [2.20 lbs.]	9
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70-83	Dry-Lube Spray 400 ml [13.52 fl.oz.]	18
70-8501	Metal Paste Lubricant 100ml. gun	17
70-8508	Metal Paste Lubricant 4 g [0.14 oz.] Pouch	17
70-8510	Metal Paste Lubricant 1 Kg [2.20 lbs.] Can	17
70-8535	Metal Paste Lubricant 350 g [12.34 oz.] Can	17
70-86	Lubrifiant Céramique 400 ml [13.52 fl.oz.]	18
70-87	PTFE - 100 Spray 400 ml [13.52 fl.oz.]	19
70-88	Synthetic Chain Cling Spray 400 ml	19
70-89	HT-Super Spray + PTFE 400 ml [13.52 fl.oz.]	20

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70-91	Description Contact spray 400ml.	Page 38
70-97	Impregnation spray 400ml.	13
70-98	Crack & Porosity Detection Set (3 Units)	14
70-9801	Crack & Prosity Det. Special Cleaner (Blue)	14
70-9802	Crack & Porosity Det. Contraster (Red)	14
70-9803	Crack & Porosity Det. Developer (White)	14
71-03	Paste de coupe	25
71-04	Nozzle Paste 250 g [8.82 oz.]	27
71-0935	Biolub Paste 350 g [12.34 oz.]	31
71-0940	Biolub Paste tube 400 g [14.11 oz.]	31
71-55	Food lube grease 200 tube 400 g [14.11 oz.]	30
74-1010	Valve pour 201.	52
74-1020	Nettoyant avec micro-organismes 20 l	35
75-01	NSF Stainless St. Care Spray 400 ml	32
75-0304	Cutting Oil for Metals 41 [1.32 gal.]	25
75-0320	Cutting Oil for Metals 201 [5.28 gal.]	25
75-0345	Cutting Oil for Metals 205   5	25
75-0401	Multi-TS Anti-Spatter Fluid 960 ml [32.46 fl.oz.]	27
75-0404	Multi-TS Anti-Spatter Fluid 4   [1.06 gal.]	27
75-0420	Multi-TS Anti-Spatter Fluid 201 [5.28 gal.]	27
75-0445	Multi-TS Anti-Spatter Fluid 205 I [54.15 gal.]	27
75-11	NSF K1 Rapid Cleaner Spray 400 ml	32
75-17	Citrus Cleaner Spray 400 ml [13.52 fl.oz.]	37
75-18	Glass Cleaner Spray 400 ml [13.52 fl.oz.]	46
75-2601	Rust-Killer 960 ml [32.46 fl.oz.]	39
75-2604	Rust-Killer 4 l [1.06 gal.]	39
75-2620	Rust-Killer 201 [5.28 gal.]	39
75-2645	Rust-Killer 205 I [54.15 gal.]	39
75-2700	Intensive Detergent 500 ml [16.91 fl.oz.]	37
75-2704	Intensive Detergent 4   [1.32 gal.]	37
75-2720	Intensive Detergent 20 l [5.28 gal.]	37
75-2745	Intensive Detergent 200 l [52.83 gal.]	37
75-2799	vaporisateur / pompe solvant	52
75-2900	Power Cleaner (concentrate) 500 ml	36
75-2902	Power Cleaner (concentrate) 200 l	nd
75-2910	Power Cleaner (concentrate) 10 l [2.64 gal.]	36
75-2920	Power Cleaner (concentrate) 20 I [5.28 gal.]	36
75-3000	Ultra Power Cleaner (Conc.) 500 ml	36
75-3010	Ultra Power Cleaner (Conc.) 10 l [2.64 gal.]	36
75-3020	Ultra Power Cleaner (Conc.) 20 l [5.28 gal.]	36
75-3099	Sprayer Bottle (Alkali Cleaners) 1.5 l	52
75-3199	Sprayer Bottle (Neut. & Acid Cl.) 1.5 l	52
75-3301	CC 80 Multifunction Oil 1   [33.81 fl.oz.]	11
75-3304	CC 80 Multifunction Oil 4 I [2.64 gal.]	11
75-3320	CC 80 Multifunction Oil 201 [5.28 gal.]	11
75-3345	CC 80 Multifunction Oil 205 I [52.83 gal.]	11
75-4402	Clean-nox Gel 200 l [52.83 gal.]	39
75-4404	Clean-nox Gel 4l 4	39
75-4420	Clean-nox Gel 20 l [5.28 gal.]	39
75-5600	Stainless Steel Care Cleaner 500 ml [16.91 fl.oz.]	39
75-5601	Stainless Steel Care Cleaner 960ml	39

ltem #	Description	Page	Iter
75-5604	Stainless Steel Care Cleaner 4 litres	39	76-2
75-5620	Stainless Steel Care Cleaner 20   [5.28 gal.]	39	76-2
75-60	Citrus Cleaner K1 NSF	32-37	76-2
75-6404	Kowa Protect Wax 4 I.	10	76-2
75-6420	Kowa Protect Wax 20 I	10	76-2
75-7701	Universal cleaner NSF 4   [1.06 gal.]	30	76-2
75-7704	Universal cleaner NSF 201 [5.28 gal.]	30	76-2
75-7720	Universal cleaner NSF 205 l [54.15 gal.]	30	76-2
75-82	Hand Protection Cream 100 ml [3.38 fl.oz.]	52	76-2
75-83	Neutralisateur d'Odors 600ml.	40	76-2
75-88	Citrus en gel 400ml.	37	76-2
76-0001	Ametaclean 960 ml [32.46 fl.oz.]	35	76-2
76-0004	Ametaclean 4 l [1.06 gal.]	35	76-2
76-0020	Ametaclean 20 I [5.28 gal.]	35	76-2
76-0045	Ametaclean 205 l [54.15 gal.]	35	76-2
76-0301	Bio-Zone+ 960 ml [32.46 fl.oz.]	40	76-3
76-0304	Bio-Zone+ 41 [1.06 gal.]	40	76-3
76-0320	Bio-Zone+ 201 [5.28 gal.]	40	76-3
76-0345	Bio-Zone+ 205 l [54.15 gal.]	40	76-3
76-0501	Tob-Clean 960 ml [32.46 fl.oz.]	37	76-4
76-0504	Tob-Clean 41 [1.06 gal.]	37	76-4
76-0520	Tob-Clean 20 l [5.28 gal.]	37	76-4
76-0545	Tob-Clean 205 l [54.15 gal.]	37	76-4
76-1301	CONDITIONER leather 960 ml [32.46 fl.oz.]	46	76-
76-1401	Ultra-Mag 960 ml [32.46 fl.oz.]	43	76-4
76-1404	Ultra-Mag 41 [1.06 gal.]	43	76-4
76-1420	Ultra-Mag 20 I [5.28 gal.]	43	76-4
76-1501	Ultra-Mag acide 960 ml [32.46 fl.oz.]	43	76-4
76-1504	Ultra-Mag acide 4   [1.06 gal.]	43	76-4
76-1520	Ultra-Mag acide 201 [5.28 gal.]	43	76-4
76-1601	Boat-out ACIDE 960 ml [32.46 fl.oz.]	44	76-
76-1604	Boat-out ACIDE 41 [1.06 gal.]	44	76-8
76-1620	Boat-out ACIDE 201 [5.28 gal.]	44	76-8
76-1645	Boat-out ACIDE 205 I [54.15 gal.]	44	76-8
76-1701	Boat-In 960 ml [32.46 fl.oz.]	44	76-8
76-1704	Boat-In 41 [1.06 gal.]	44	76-8
76-1720	Boat-In 20 I [5.28 gal.]	44	76-8
76-1745	Boat-In 205   [54.15 gal.]	44	76-8
76-1801	Boat-Out 960 ml [32.46 fl.oz.]	44	76-8
76-1804	Boat-Out 41 [1.06 gal.]	44	76-9
76-1820	Boat-Out 201 [5.28 gal.]	44	76-9
76-1845	Boat-Out 205   [54.15 gal.]	44	76-9
76-1901	Bug Remover 960 ml [32.46 fl.oz.]	43	76-9
76-1904	Bug Remover 41 [1.06 gal.]	43	76-9
76-1920	Bug Remover 201 [5.28 gal.]	43	76-9
76-1945	Bug Remover 205   [54.15 gal.]	43	76-9
76-2001	Green Polish 960 ml [32.46 fl.oz.]	45	76-9
76-2004	Green Polish 4 I [1.06 gal.]	45	76-9
76-2025	Green Polish 250 ml [8.45 fl.oz.]	45	76-9
76-2025 76-2101	Green Polish 250 ml [8.45 fl.oz.] White Polish 960 ml [32.46 fl.oz.]	45 45	76-9 76-9

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76-2125	White Polish 250 ml [8.45 fl.oz.]	45
76-2301	Nettoyant vitres 1   [33.81 fl.oz.]	46
76-2304	Nettoyant vitres 4   [1.06 gal.]	46
76-2320	Nettoyant vitres 201 [5.28 gal.]	46
76-2345	Nettoyant vitres 205 l [54.15 gal.]	46
76-2401	Engine Clean Green 960 ml [32.46 fl.oz.]	43
76-2404	Engine Clean Green 41 [1.06 gal.]	43
76-2420	Engine Clean Green 20 l [5.28 gal.]	43
76-2501	Tapis'NET 960 ml [32.46 fl.oz.]	44
76-2504	Tapis'NET 4   [1.06 gal.]	44
76-2520	Tapis'NET 20   [5.28 gal.]	44
76-2545	Tapis'NET 205 l [54.15 gal.]	44
76-2801	Engine Clean+ Blue 960 ml [32.46 fl.oz.]	43
76-2804	Engine Clean+ Blue 41 [1.06 gal.]	43
76-2820	Engine Clean+ Blue 20 I [5.28 gal.]	43
76-3101	M. T. Clean 960 ml [32.46 fl.oz.]	35
76-3104	M. T. Clean 4 I [1.06 gal.]	35
76-3120	M. T. Clean 20 I [5.28 gal.]	35
76-3145	M. T. Clean 205 l [54.15 gal.]	35
76-4601	Remover (Citrus) 960 ml [32.46 fl.oz.]	37
76-4604	Remover (Citrus) 41 [1.06 gal.]	37
76-4620	Remover (Citrus) 20   [5.28 gal.]	37
76-4645	Remover (Citrus) 205   [54.15 gal.]	37
76-47	Ameta-Extra 20 Kg [44.09 lbs.]	38
76-4804	Clean-It 41 [1.06 gal.]	51
76-4820	Clean-It 201 [5.28 gal.]	51
76-4901	Remover Eco (Citrus) 960 ml [32.46 fl.oz.]	37
76-4904	Remover Eco(Citrus) 41 [1.06 gal.]	37
76-4920	Remover Eco (Citrus) 201 [5.28 gal.]	37
76-4945	Remover Eco (Citrus) 205 I [54.15 gal.]	37
76-70	Gel Protect 1   [33.80 fl.oz.]	28
76-8601	Alu-Inox Cleaner 960 ml [32.46 fl.oz.]	36
76-8604	Alu-Inox Cleaner 41 [1.06 gal.]	36
76-8620	Alu-Inox Cleaner 201 [5.28 gal.]	36
76-8645	Alu-Inox Cleaner 205 I [54.15 gal.]	36
76-8701	Dec'alu 1 l 960 ml [32.46 fl.oz.]	36
76-8704	Dec'alu 41 [1.06 gal.]	36
76-8720	Dec'alu 20 l [1.06 gal.]	36
76-8745	Dec'alu 205 l	36
76-9001	Revolution 1 I [33.81 fl.oz.]	45
76-9004	Revolution 41 [1.06 gal.]	45
76-9020	Revolution 20   [5.28 gal.]	45
76-9045	Revolution 205 l [54.15 gal.]	45
76-9301	Savon Béton 960 ml [32.46 fl.oz.]	36
76-9304	Savon Béton 41 [1.06 gal.]	36
76-9320	Savon Béton 201 [5.28 gal.]	36
76-9345	Savon Béton 205 l [54.15 gal.]	36
76-9401	Fast Clean 1   [33.81 fl.oz.]	35
76-9404	Fast Clean 41 [1.06 gal.]	35
76-9420	Fast Clean 20   [5.28 gal.]	35
76-9445	Fast Clean 205   [54.15 gal.]	35
76-9501	Shampoo Foam with Wax 1 I [33.81 fl.oz.]	43

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76-9504	Shampoo Foam with Wax 4   [1.06 gal.]	43
76-9520	Shampoo Foam with Wax 20   [5.28 gal.]	43
76-9545	Shampoo Foam with Wax 205 I [54.15 gal.]	43
76-9701	Wax carnauba 960 ml [32.46 fl.oz.]	45
76-9704	Wax carnauba 4 l [1.06 gal.]	45
76-9720	Wax carnauba 20 l [5.28 gal.]	45
76-9801	Ez-Wax 960 ml [32.46 fl.oz.]	45
76-9804	Ez-Wax 4 I [1.06 gal.]	45
76-9820	Ez-Wax 20 l [5.28 gal.]	45
76-9845	Ez-Wax 205 l [54.15 gal.]	45
76-9901	Black-It 960 ml [32.46 fl.oz.]	46
76-9904	Black-It 4 I [1.06 gal.]	46
76-9920	Black-It 20   [5.28 gal.]	46
76-9945	Black-It 205 l	46
77-0301	Bio-Zone 960 ml [32.46 fl.oz.]	40
77-0304	Bio-Zone 41 [1.06 gal.]	40
77-0320	Bio-Zone 201 [5.28 gal.]	40
77-0345	Bio-Zone 205 l [54.15 gal.]	40
77-0401	Bio-Zone Cuir 960 ml [32.46 fl.oz.]	46
77-0404	Bio-Zone Cuir 4   [1.06 gal.]	46
77-0420	Bio-Zone Cuir 20 l [5.28 gal.]	46
78-0110	Lock-It System Blue (Med. St.) 10 ml	28
78-0125	Lock-It System Blue (Med. St.) 250 ml	28
78-0150	Lock-It System Blue (Med. St.) 50 ml	28
78-0210	Lock-It System Red (High St.) 10 ml	28
78-0225	Lock-It System Red (High St.) 250 ml	28
78-0250	Lock-It System Red (High St.) 50 ml	28
79-01	Porta Combi-Zinc Spray 400 ml [13.52 fl.oz.]	4
79-02	Porta Brake Cleaner Spray 750 ml	37
79-03	Porta Silicone Spray 400 ml [13.52 fl.oz.]	20
79-04	Porta Anti-Spatter Spray 400 ml [13.52 fl.oz.]	27
79-06	Porta Zinc Spray 400 ml [13.52 fl.oz.]	3
79-08	Porta Freeze Spray 400 ml [13.52 fl.oz.]	14
79-09	Porta Multi-P. Rust-Rem. S. 400 ml	14
79-11	Porta Adehsion Power 400 ml [13.52 fl.oz.]	20
79-1501	Brake Cleaner (bulk) 960 ml [32.46 fl.oz.]	37
79-1504	Brake Cleaner (bulk) 4 l [1.06 gal.]	37
79-1520	Brake Cleaner (bulk) 201 [5.28 gal.]	37
79-1545	Brake Cleaner (bulk) 205 l	37
	960ml. Bottle And Spray	52

# ALSO AWAILABLE:



