

Technical Datasheet



Trade name : UNO S PF
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Description

UNO S PF is a water-based, highly concentrated, alkaline, foamless cleaner for removing oil, grease and protein-based stains, separating agents and waxes, fresh paints and pigments from most surfaces, such as metals, wood, plastic, textiles and other similar. UNO S PF is used for cleaning and degreasing in industrial and automatic systems in all branches of industry, particularly in the metalworking and for cleaning of riddles and stencils. The product contains inhibitors to protect sensitive steel temporarily from corrosion.

Chemical characterisation

waterbased, alkaline cleaner

Classification according to Regulation (EC) No.1272/2008 [CLP]

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.
Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Transport information

ADR : -

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

Labelling for contents according to regulation (EC) No. 648/2004

< 5 % anionic surfactants
< 5 % non-ionic surfactants

Safety equipment

Eye / Face protection:	suitable safety goggles acc. EN 166	In case of splash
Hand protection:	suitable gloves type EN 374	In case of possible skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

UNO S PF is applicable concentrated or diluted with water up to a ratio of 1:40. Just spray the dilution on the target surface. Allow a short time to take effect. The effect time depends on type, degree and age of dirt. Then rinse off with plenty of water. UNO S PF already works at room-temperature, an increase of application temperature (up to 90 °C for mechanical applications) cuts the cleaning time. Usual application concentrations are 3% to 5%, higher concentrations for stubborn dirt.

Note: Use on aluminium and zinc surfaces a dilution of 1:30 to 1:40 is recommended. Check compatibility before use.

Technical data

Appearance :	liquid		
Colour :	red		
Odour :	characteristic		
Boiling temperature :	98 °C	Solidifying temperature :	ca. 0°C
Flash point :	not relevant	Ignition temperature :	not relevant
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	ca. 1.03 g/cm ³	pH-value :	ca. 13
VOC (EG) :	5 Wt %	VOC (CH) :	5 Wt %

Storage

Keep container tightly closed. Keep/store only in original container. Protect against sub-zero temperatures. Optimized storage temperature is between 2 °C up to 35 °C. The product is storable in closed original packaging for at least 12 months. Starting date is the date of production.

Storage class (acc. TRGS 510): 12

Disposal advices

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

Waste code acc. EWC/AVV for unused product
20 01 29* detergents containing dangerous substances.

Waste code acc. EWC/AVV for packaging
15 01 02 plastic packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

Order information

A50050	500 ml PE bottle with trigger – TU 20 x 500 ml (1 box)
A02050	20 l Jerry can
A20050	200 l Drum
A10050	1000 l IBC

(EN)