

Technical Datasheet



Trade name : UNO W
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Description

bio-chem UNO W is a Aqueous phosphate-free alkaline cleaner with selected foam-free surfactants for the cleaning and degreasing of machines, tools, workshop equipment, vehicles etc. (corrosion inhibitors guarantee temporary corrosion protection). Dissolves vigorously oils, greases, resins, waxes, nicotine, insect speck, food residues, soot, bitumen- and tar spatter etc. from metal, plastics, tiles, wood, rubber etc. The product is compatible with oil separators.

Chemical characterisation

Water-based alkaline cleaning agent.

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

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 2A ; 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 VwVwS)

Water hazard class : 1 (Slightly hazardous to water)

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

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

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 or prolonged skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

UNO W is suitable for manual and mechanical applications. The product is high concentrated and can be diluted with water up to 1:40. For manual cleaning simply spray on, let it take effect, and wipe or rinse off.

Dosage recommendation for mechanical application:

Floor cleaning devices: 3-10 %; high pressure cleaner: 3-5%; Hot-water parts washer (HTW): 3-10%

Note: Do not use concentrated on aluminium or zinc surfaces.

Technical data

Appearance :	liquid		
Colour :	blue		
Odour :	apple		
Boiling temperature :	ca. 98 °C	Solidifying temperature :	< 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 (20 °C / 100 g/l) :	ca. 12
VOC (EG) :	0 Wt %	VOC (CH) :	0 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

A00189 1000 ml PE bottle with trigger – TU: 10 x 1000 ml (1 box)
A02089 20 l Jerry can
A20089 200 l Drum
A10089 1000 l IBC

(EN)