

Technical Datasheet



Trade name : STAR US 5
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Description

STAR US 5 is an aqueous, highly concentrated, solvent- and phosphate-free degreaser. The cleaner removes most contaminants that can hardly be removed, such as incrustations, gummy fats, oils.

Chemical characterisation

Water-based, alkaline and low foaming cleaning agent.

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

Skin Corr. 1A; H314 - Skin corrosion/irritation: Category 1A; Causes severe skin burns and eye damage.
Met. Corr. 1; H290 - Corrosive to metals: Category 1; May be corrosive to metals.

Transport information

ADR : UN1814 POTASSIUM HYDROXIDE SOLUTION (POTASSIUM HYDROXIDE SOLUTION)

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (hazardous to water)

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

< 5 % anionic 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 or enduring skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

STAR US 5 is especially designed for the use in ultrasonic devices. An effective cleaning is already possible at concentrations of 0.5 %. The optimal cleaning temperature is at ca. 60°C, the absorbed oils can be removed mechanically (for example with plate phase separator).

Advice: Do not apply concentrated on aluminium or zinc-plated surfaces.

Technical data

Appearance :	liquid	Solidifying temperature :	-2 °C
Colour :	translucent	Ignition temperature :	not relevant
Odour :	characteristic	Upper explosion limit :	not relevant
Boiling temperature :	ca. 93 °C	pH-value :	14
Flash point :	not relevant	VOC (CH) :	0 Wt %
Lower explosion limit :	not relevant		
Density (20 °C) :	ca. 1,15 g/cm ³		
VOC (EG) :	0 Wt %		

Storage

Keep container tightly closed. Keep/store only in original container. Do not store together with acids. 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): 8B

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		Waste code acc. EWC/AVV for packaging	
07 06 01*	aqueous washing liquids and mother liq- uors	15 01 02	plastic packaging
20 01 29*	detergents containing dangerous sub- stances.		

These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use.

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

Order information

A00553-5 5 l Jerry can
A02053-5 20 l Jerry can