

Technical Datasheet



Trade name : bio-chem STAR 300
Reviewed: 03.12.2014
Date of print : 04.12.2014

Page : 1 of 1

Discription

bio-chem STAR 300 is a less foaming, aqueous, highly concentrated, solvent- and phosphate-free degreaser. The cleaner removes most stubborn contaminants such as incrustations, gummy fats, oils.

Chemical characterisation

Aqueous, alkaline, less foaming surfactant

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 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 : UN 1760 CORROSIVE LIQUID, N.O.S. (POTASSIUM HYDROXIDE SOLUTION)

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

Application

bio-chem STAR 300 can be used in spray-, dipping-, flute- applications and high-pressure cleaner. An effective cleaning is already at concentrations from 0.5 % possible. 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 :	transparent	Ignition temperature :	not relevant
Odour :	odourless	Upper explosion limit :	not relevant
Boiling temperature :	ca. 93 °C	pH-value :	ca. 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. 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 liquors	15 01 02	plastic packaging
20 01 29*	detergents containing dangerous substances.		

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

A03079 30 l Jerry can
A20079 200 l Drum
A10079 1000 l IBC