

Technical Datasheet



Trade name : ALUSTAR 200
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Description

ALUSTAR 200 is a water-based, alkaline, phosphate and solvent free cleaner for heavy grease and oil contaminants and pigmented stains. For cleaning and defatting contaminated components of different materials such as Aluminium, galvanized surfaces, non-ferrous metals, steel/stainless steel, plastics and all other alkaline-resistant surfaces.

Chemical characterisation

Water-based, alkaline cleaning agent.

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

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

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
< 5 % phosphonates

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	not necessary

Application

ALUSTAR 200 can be used in spray-, immersion and ultrasonic cleaning applications. The typical application concentration is between 3 % and 5 %, depending on type, grade and age of dirt. ALUSTAR 200 is working effectively already at room-temperature, best cleaning results are achieved at operating temperatures from 40 °C to 90°C.

Technical data

Appearance :	liquid	Solidifying temperature :	ca. 0 °C
Colour :	colourless	Ignition temperature :	not relevant
Odour :	characteristic	Upper explosion limit :	not relevant
Boiling temperature :	ca. 100 °C	pH-value :	12,7
Flash point :	not applicable	VOC (CH) :	< 3 Wt %
Lower explosion limit :	not relevant		
Density (20 °C) :	ca. 1,05 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): 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

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. Uncleaned packaging must be disposed of in the same manner as the medium.

Order information

A02084 20 l Jerry can
A20084 200 l Drum
A10084 1000 l IBC