

Technical Datasheet



Trade name : ALUSTAR 200
Reviewed: 07.07.2026
Date of print : 07.07.2026

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Description

ALUSTAR 200 is a concentrated, water-based, alkaline cleaner for machine use. It cleans and degreases components made of various alkali-resistant materials, as well as aluminum and non-ferrous metals, that are moderately to heavily contaminated with oil, grease, and particles. ALUSTAR 200 as 5% solution was tested in-house for its suitability for oil separators according to ASTM D 1401-91 and found to be "limited suitable."

Application

ALUSTAR 200 is a low-residue, even at room temperature low-foaming cleaner. It is ideal for machine use in spray applications, but also in immersion- and ultrasonic bath. The cleaning performance can be increased by increasing the temperature, but it is also recommended to choose a low cleaning concentration if subsequent processes require low residue. The product is compatible with our product "Corrosion Protection 100", which can be added to the ready-made cleaning solution up to 3% by volume if required.

Concentration recommendations (in volume%) for typical uses of the product:

Dipping Bath	2,5 – 7,5	Hot Water Partwasher	2,5 – 7,5	BIO-CIRCLE HP Vigo	2,5 – 7,5
Ultrasonic Devices	2,5 – 7,5	RWR	2,5 – 7,5	BIO-CIRCLE HP	2,5 – 7,5

Compatibility with common materials:

Steel / Stainless steel		Aluminium		Non-ferrous metals	
plastics		painted surfaces		Galvanized surfaces	

In the case of sensitive materials, please test the product on a sample or an inconspicuous part of the individual piece before use. If you are unsure, we will be happy to advise you. Further information on labeling, handling and disposal of the product is available from the safety data sheet.

Key to above table :

resistant	limited resistant	not resistant
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Environmental Aspects

ALUSTAR 200 is VOC- and phosphate-free. It has demulsifying properties and can be used at room temperature. In application concentration, the bath live time can be prolonged with oil separators, minimum flow time should be 15 minutes. Titration curves for monitoring and possible re-dosing are available.

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

No dangerous goods according to the transport guidelines

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

Order information

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