

# Technical Datasheet



Trade name : Defoamer silicone-free  
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## Description

Defoamer silicone-free is applicable in Hot water Parts washer and wherever foam would have a disruptive effect. Especially developed for the aqueous Bio-Circle cleaning agents. It has a very good dispensability, so it is easy to mix. Because of its low application concentration Defoamer silicone-free is economic. Nevertheless, it realizes a fast and permanent reduction of foam.

*Note: Defoamer silicone-free is not disrupting on subsequently-processes (e.g. varnish or glue)*

## Chemical characterisation

Water-based alkaline defoaming additive

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

Acute Tox. 4 ; H302 - Acute toxicity (oral) : Category 4 ; Harmful if swallowed.

## 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

-

## 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

Simply add 0.5 – 3 % of Defoamer silicone-free to the cleaning bath. Mix it by manual or just run the machine for a few minutes. The temperature should not exceed 80 °C.

## Technical data

Appearance :	liquid		
Colour :	yellow		
Odour :	characteristic		
Boiling temperature :	112 °C	Solidifying temperature :	-9 °C
Flash point :	not relevant	Ignition temperature :	not relevant
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	ca. 1,04 g/cm <sup>3</sup>	pH-value :	ca. 10.6
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 that 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

**A01087** 10 l Jerry can  
**A02087** 20 l Jerry can