

Technical Datasheet



Trade name : SURFOX-T
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Description

SURFOX-T is an aqueous, acidic, electrolyte solution for fast and easy cleaning of stainless steels and to remove tarnish of welds in combination with the SURFOX device. SURFOX-T is ready for use and can be used in the production and processing of stainless steels in the chemical and pharmaceutical industry, in the food-related industry as well as in the refrigeration industry.

Chemical characterisation

Aqueous, acidic electrolyte for cleaning purposes.

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

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; 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. (PHOSPHORIC ACID)

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

SURFOX-T is especially designed for use in SURFOX device. Pour the electrolyte solution in the SURFOX device and clean the surfaces. After use, we recommend a neutralization with SURFOX-N to prevent salt residues. Then simply wipe off the treated surfaces with a damp cloth or rinse off with water.

Technical data

Appearance :	Liquid		
Colour :	colourless		
Odour :	characteristic		
Boiling temperature :	ca. 115 °C	Solidifying temperature :	0 °C
Flash point :	not relevant	Ignition temperature :	not relevant
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	1.35 – 1.40 g/cm ³	pH-value (10 g/l) :	ca. 1.5
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 5 °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
20 01 29* detergents containing dangerous substances.	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

G10091	100 ml tube – TU: 6 x 100 ml (1 box)
G00191	1000 ml plastic bottle – TU: 12 x 1000 ml (1 box)
G00591	5 l jerry can
G02091	20 l jerry can
G20091	200 l drum