

Ultrasonic Cleaner NEUTRAL

Revision date: 20.08.2019

Product code: 82

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Cleaner for industrial use.

1.3. Details of the supplier of the safety data sheet

Company name:	Jentner Plating Technology GmbH	
Street:	Johann-Staib-Strasse 2	
Place:	D-75179 Pforzheim	
Telephone:	+49 (0)7231 418094 0	Telefax: +49 (0)7231 418094 77
e-mail:	info@jentner.de	
Contact person:	Department of Chemistry	
Internet:	www.jentner.de	
Responsible Department:	Poison Information Center of the University of Freiburg.	

1.4. Emergency telephone number: 0049 (0)761 19240 - 24 h german and english**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

Isodecylalcohol, ethoxylated

Signal word: Danger**Pictograms:****Hazard statements**

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.

Precautionary statements

P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of water.

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P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.
 P501 Dispose of contents/container to an officially registered waste disposal company.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
61827-42-7	Isodecylalcohol, ethoxylated			20-40 %
	932-742-4			
	Acute Tox. 4, Eye Dam. 1; H302 H318			
68439-50-9	Alkohol(C12/14)-ethoxylate 6EO			5-10%
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with: Excess water.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Foam. Extinguishing powder. Carbon dioxide (CO₂). Atomized water.**Unsuitable extinguishing media**

Full water jet

5.3. Advice for firefighters

Wear personal protection equipment.

Use suitable breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required.

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6.2. Environmental precautions

Do not allow to enter into soil/subsoil.
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Wear personal protection equipment.

Advice on protection against fire and explosion

Ventilate affected area.

Further information on handling

Keep only in the original container.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

No special precautionary measures are necessary.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

8.2. Exposure controls**Protective and hygiene measures**

Avoid contact with skin, eyes and clothes. Do not eat, drink, smoke or sneeze at the workplace. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Eye/face protection

Safety glasses.

Hand protection

Wear suitable gloves.

Skin protection

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	dark amber
Odour:	mild

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pH-Value (at 20 °C): 8,5-8,9

Changes in the physical state

Melting point: -3 °C

Initial boiling point and boiling range: 100 °C

Vapour pressure: 102 hPa

(at 50 °C)

Vapour pressure: 132 hPa

(at 55 °C)

Density (at 20 °C): 1,02-1,06 g/cm³

Water solubility: completely miscible

Viscosity / dynamic: 34000 mPa·s
(at 20 °C)**SECTION 10: Stability and reactivity****10.2. Chemical stability**

The substance is chemically stable under recommended conditions of storage, use and temperature.

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

In case of fire may be liberated: Gases/vapours, toxic

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Harmful if swallowed.

ATEmix calculated

ATE (oral) 1666,7 mg/kg

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
61827-42-7	Isodecylalcohol, ethoxylated				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

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Practical experience**Observations relevant to classification**

Risk of serious damage to eyes. (literature value)

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
61827-42-7	Isodecylalcohol, ethoxylated					
	Acute fish toxicity	LC50 <100 mg/l	96 h	Leuciscus idus (golden orfe)		OECD 202
	Acute crustacea toxicity	EC50 <100 mg/l	48 h	Daphnia magna		OECD 202
68439-50-9	Alkohol(C12/14)-ethoxylate 6EO					
	Acute fish toxicity	LC50 4,6 mg/l	96 h	Leuciscus idus (golden orfe)		OECD 203
	Acute crustacea toxicity	EC50 2,4 mg/l	48 h	Daphnia magna		OECD 202
	Acute bacteria toxicity	(2,9 mg/l)				

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste disposal number of used product**

110112 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY; wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising); aqueous rinsing liquids other than those mentioned in 11 01 11

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

Not hazardous according to existing regulations.

Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 2 - clearly water contaminating

SECTION 16: Other information

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Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Acute Tox. 4; H302	Calculation method
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)