

Polishing Compound Delta SG

Revision date: 19.01.2022

Product code: 58

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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**

Metal surface treatment products, including galvanic and electroplating products

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****GB CLP Regulation**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes skin irritation.

Causes serious eye damage.

2.2. Label elements**GB CLP Regulation****Hazard components for labelling**

Benzenesulfonic acid, C10-13-alkyl derivs., compds. with triethanolamine

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

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

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.

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P310 Immediately call a POISON CENTER/doctor.

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Mixture of phosphates and below mentioned additions.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
68411-31-4	Benzenesulfonic acid, C10-13-alkyl derivs., compds. with triethanolamine			3-4 %
	270-116-6			
	Skin Corr. 1B, Eye Irrit. 2; H314 H319			

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

SECTION 4: First aid measures**4.1. Description of first aid measures****After contact with skin**

After contact with skin, wash immediately with: Water.

After contact with eyes

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

After ingestion

Rinse mouth immediately and drink plenty of water. Consult an ophthalmologist.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Unsuitable extinguishing media**

Water spray. Strong foaming.

5.3. Advice for firefighters

Protective clothing.

Additional information

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

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

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Mechanisch aufnehmen.

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

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Advice on safe handling

Keep container tightly closed.

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

Keep only in the original container.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****DNEL/DMEL values**

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
68411-31-4	Benzenesulfonic acid, C10-13-alkyl derivs., compds. with triethanolamine		
Consumer DNEL, long-term	dermal	systemic	1,2 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	1,01 mg/m ³
Consumer DNEL, long-term	oral	systemic	0,58 mg/kg bw/day
Worker DNEL, long-term	dermal	systemic	5,29 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	4,1 mg/m ³

PNEC values

CAS No	Substance	
Environmental compartment	Value	
68411-31-4	Benzenesulfonic acid, C10-13-alkyl derivs., compds. with triethanolamine	
Freshwater	0,268 mg/l	
Marine water	0,0268 mg/l	
Freshwater sediment	8,1 mg/kg	
Marine sediment	8,1 mg/kg	
Micro-organisms in sewage treatment plants (STP)	7,0 mg/l	
Soil	35 mg/kg	

Additional advice on limit values

To date, no national critical limit values exist.

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

When using do not eat, drink, smoke, sniff.

Avoid contact with skin and eyes.

Eye/face protection

Safety glasses.

Hand protection

Avoid contact with skin.

Thorough skin-cleansing after handling the product.

Rub greasy ointment into the skin.

If skin irritation occurs: Get medical advice/attention.

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

Physical state: liquid
 Colour: White/yellow
 Odour: product-specific

Test method

pH-Value (at 20 °C): 8 - 9

Changes in the physical state

Boiling point or initial boiling point and boiling range: ca. 100 °C

Water solubility: completely miscible

Flow time: 18 - 21 sec 3 DIN EN ISO 2431
(at 20 °C)**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

No decomposition if used as directed.

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68411-31-4	Benzenesulfonic acid, C10-13-alkyl derivs., compds. with triethanolamine				
	oral	LD50 >2000 mg/kg	Rat	OECD 401	
	dermal	LD50 >2000 mg/kg	Rat	OECD 402	

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

According to the criteria of the EC-classification and labelling "dangerous for the environment" (93/21/EEC) the material/product is not to be classified as dangerous to the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****List of Wastes Code - 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

Contaminated packaging

Non-contaminated packages may be recycled.

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SECTION 14: Transport information**Land transport (ADR/RID)****14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.**Air transport (ICAO-TI/IATA-DGR)****14.2. UN proper shipping name:** 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****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2.

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

This information is based on the present state of knowledge, but they do not constitute a guarantee of product properties and establishes no contract legal rights. Existing laws and regulations are followed by the recipient of our products on their own responsibility. This MSDS contains only safety-related information and does not replace any information or product specifications.

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