

**Ultrasonic Cleaning Salt RAPID JE811**

Revision date: 22.08.2019

Product code: 6

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

Ultrasonic Cleaning Salt RAPID JE811

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

Reinigungsmittel

**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 Corr. 1B

Serious eye damage/eye irritation: Eye Dam. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Causes severe skin burns and eye damage.

May cause respiratory irritation.

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

disodium metasilicate

Alkohol C13-C15 verzweigt und linear

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

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

**Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

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P363	Wash contaminated clothing before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310	Immediately call a POISON CENTER/doctor.
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.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
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			
497-19-8	sodium carbonate			25-35 %
	207-838-8	011-005-00-2		
	Eye Irrit. 2; H319			
10101-89-0	Trinatriumphosphat			25-35 %
	231-509-8			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			
6834-92-0	disodium metasilicate			10-20 %
	229-912-9	014-010-00-8		
	Skin Corr. 1B, STOT SE 3; H314 H335			
7722-88-5	Tetranatriumpyrophosphat			10-20 %
	231-767-1			
	Alkohol C13-C15 verzweigt und linear			1-5 %
	Acute Tox. 3, Eye Dam. 1, Aquatic Acute 1; H301 H318 H400			

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

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**After inhalation**

In case of respiratory tract irritation, consult a physician.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

Take off contaminated clothing.

**After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

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**After ingestion**

Rinse mouth immediately and drink plenty of water.  
Call a physician in any case!

**4.2. Most important symptoms and effects, both acute and delayed**

Causes serious eye damage.

**4.3. Indication of any immediate medical attention and special treatment needed**

See chapter: Description of first aid measures.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. alcohol resistant foam. Dry extinguishing powder.

**Unsuitable extinguishing media**

Water.

**5.2. Special hazards arising from the substance or mixture**

In case of fire and/or explosion do not breathe fumes.

**5.3. Advice for firefighters**

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

**Additional information**

Contaminated fire-fighting water must be collected separately.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.  
Avoid dust formation.

**6.2. Environmental precautions**

Do not empty into drains; dispose of this material and its container in a safe way.

**6.3. Methods and material for containment and cleaning up**

Take up mechanically.  
To clean the floor and all objects contaminated by this material, use plenty of water.

**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**

Avoid dust formation. Avoid contact with skin and eyes.

**Advice on protection against fire and explosion**

The product itself does not burn.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Store in a cool dry place.  
Always close containers tightly after the removal of product.

**Hints on joint storage**

Do not store together with: Strong acid

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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
7722-88-5	Tetrasodium pyrophosphate	-	5		TWA (8 h)	WEL

**Additional advice on limit values**General dust limit, respirable fraction: 10mg/m<sup>3</sup>**8.2. Exposure controls****Protective and hygiene measures**

Do not eat, drink, smoke or sneeze at the workplace.  
Avoid contact with skin, eyes and clothes.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Thorough skin-cleansing after handling the product. After cleaning apply high-fat content skin care cream.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Use personal protection equipment.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

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

Physical state:	Powder
Colour:	weiß
Odour:	odourless
pH-Value (at 20 °C):	12,2-12,8

**Changes in the physical state**

Melting point:	not determined
Sublimation point:	not determined
:	not determined

**Explosive properties**

not explosive.

**Oxidizing properties**

Not oxidising.

Density:	0,96 g/cm <sup>3</sup>
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Water solubility: partially soluble

**Solubility in other solvents**

No data available

Solvent separation test: not applicable

**9.2. Other information**

Solid content: 90,00 %

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No decomposition if used as directed.

**10.3. Possibility of hazardous reactions**

See section: 10.6

**10.4. Conditions to avoid**

No decomposition if used as directed.

**10.5. Incompatible materials**

Exothermic reactions with: acid.

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Carbon dioxide.

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

If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
497-19-8	sodium carbonate				
	oral	LD50 mg/kg	4090	Rat	IUCLID
	Alkohol C13-C15 verzweigt und linear				
	oral	ATE mg/kg	100		

**Irritation and corrosivity**

Irritating to respiratory system.

Causes serious eye damage.

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

**Sensitising effects**

No information available.

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

No information available.

**Aspiration hazard**

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

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**Specific effects in experiment on an animal**

No information available.

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

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus	
	Acute crustacea toxicity	EC50	265 mg/l	48 h	Daphnia magna	IUCLID

**12.2. Persistence and degradability**

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

not applicable

**12.6. Other adverse effects**

No information available.

**Further information**

The product is an alkali. Before discharge into sewage plants the product normally needs to be neutralised.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

List of proposed waste codes/waste designations in accordance with EWC

**Waste disposal number of waste from residues/unused products**

110114 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); degreasing wastes other than those mentioned in 11 01 13

**Contaminated packaging**

Contaminated packages must be completely emptied and can be re-used following proper cleaning.  
For cleaning up : Water.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number:**

UN 3253

**14.2. UN proper shipping name:**

DISODIUM TRIOXOSILICATE (mixture)

**14.3. Transport hazard class(es):**

8

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**14.4. Packing group:**

III

Hazard label:

8



Classification code:

C6

Limited quantity:

5 kg

Excepted quantity:

E1

Transport category:

3

Hazard No:

80

Tunnel restriction code:

E

**Other applicable information (land transport)**

Transport category: 3

**Inland waterways transport (ADN)****14.1. UN number:**

UN 3253

**14.2. UN proper shipping name:**

DISODIUM TRIOXOSILICATE (mixture)

**14.3. Transport hazard class(es):**

8

**14.4. Packing group:**

III

Hazard label:

8



Classification code:

C6

Limited quantity:

5 kg

Excepted quantity:

E1

**Marine transport (IMDG)****14.1. UN number:**

UN 3253

**14.2. UN proper shipping name:**

DISODIUM TRIOXOSILICATE (mixture)

**14.3. Transport hazard class(es):**

8

**14.4. Packing group:**

III

Hazard label:

8



Special Provisions:

-

Limited quantity:

5 kg

Excepted quantity:

E1

EmS:

F-A, S-B

**Other applicable information (marine transport)**

Special provisions: -

**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number:**

UN 3253

**14.2. UN proper shipping name:**

DISODIUM TRIOXOSILICATE (mixture)

**14.3. Transport hazard class(es):**

8

**14.4. Packing group:**

III

Hazard label:

8

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Special Provisions:	A803	
Limited quantity Passenger:	5 kg	
Passenger LQ:	Y845	
Excepted quantity:	E1	
IATA-packing instructions - Passenger:		860
IATA-max. quantity - Passenger:		25 kg
IATA-packing instructions - Cargo:		864
IATA-max. quantity - Cargo:		100 kg

**14.6. Special precautions for user**

Only the wet product is corrosive.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

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

2004/42/EC (VOC):	0%
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)

**National regulatory information**

Water contaminating class (D):	2 - clearly water contaminating
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**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2,3,4,5,6,7,8,9,11,14,15.

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

Classification	Classification procedure
Skin Corr. 1B; H314	Calculation method
Eye Dam. 1; H318	Calculation method
STOT SE 3; H335	Calculation method

**Relevant H and EUH statements (number and full text)**

H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

**Further Information**

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 information is based on present level of our knowledge. It does not, however, give assurances of product

Jentner Plating Technology GmbH  
**Safety Data Sheet**

according to Regulation (EC) No 1907/2006



**JENTNER**  
PLATING TECHNOLOGY

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properties and establishes no contract legal rights.

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