

**EU-Safety Data Sheets relating 91/155/EEC number: 094-610**

Home Nr.: 094-610 Revised at: 02.2004  
 Name in Cmrce. **Ultrasonic cleaning solution P**  
 Version: 1.2 Class of: 02.2004  
 Product no.: **094-610**  
 Code:

**01. Identification of the Substance and of the Company**

Product Definition

Name in Cmrce.: Ultrasonic cleaning solution P  
 Product-Infos: Ultrasonic cleaning solution P  
 Manufacturer: DENTAURUM J.P. Winkelstroeter KG Turnstraße 31D-75228  
 Ispringen

Information from

Emergency-Info: Chemie  
 07231-803-184/190

**02. Composition/Information on Ingredients**

Chemical Nature:  
 potassium hydroxide solution

CAS: 1310-58-3	EG: 215-181-3	UN: 1814	EINECS:
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Dangerous Contents:

CAS number/Description:	Concentration:	GS:	R Phrases:
1310-58-3 potassium hydroxide		C	35

**03. Hazards Identification**

35 Causes severe burns.

**04. First-Aid Measures**

- First aid measures / general information  
Remove contaminated soaked clothing immediately and dispose of safely.
- First aid measures / skin contact  
In case of contact with skin wash off immediately with plenty of water
- First aid measures / eye contact  
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
- First aid measures / ingestion  
Do not induce vomiting.  
Rinse out mouth and give plenty of water to drink.

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**05. Fire-fighting Measures**

- Suitable extinguishing media  
water  
foam  
dry powder  
carbon dioxide
- Special protective equipment for firefighters  
Use breathing apparatus.  
Wear full protective suit.
- Additional informations (5.5)

**06. Accidental Release Measures**

- personal precautions
- environmental precautions  
Do not discharge into the drains/surface waters/groundwater.
- methods for cleaning up/taking up
- Additional informations (6.4)

**07. Handling and Storage**

- Advice on safe handling
- Requirements for storage rooms and vessels  
Do not use zinc containers.  
Do not use aluminium containers.
- Further information on storage conditions  
Keep container tightly closed

**08. Exposure Controls/Personal Protection**

- Hand protection  
Rubber gloves
- Eye protection  
goggles
- General protective measures  
Avoid contact with eyes and skin
- Hygiene measures  
Do not eat or drink when working.  
After work-time and during work intervals the affected skin areas must be thoroughly cleaned.  
Keep away from food and drink.

**Ingredients relating to Workplace-Limits to get supervised**

CAS number/Description:	Concentration:	Typ:	Value:

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**09. Physical and chemical Properties**

- Form  
Liquid
- Colour  
colourless
- pH-value : > 12
- pH-value / remark  
alkaline
- Changes in physical state 2, liquid - gaseous and others  
Boiling point : > 100°C
- Density / remarks : 1,1g/cm<sup>3</sup>

**10. Stability and Reactivity**

- Hazardous reactions  
Reactions with strong acids.  
Evolution of heat under influence of acids.
- Additional informations (10)

**11. Toxicological Information**

- Irritant effect on skin / validation  
strongly corrosive
- Irritant effect on skin / species
- Irritant effect on eyes / validation  
corrosive
- General remarks  
No toxicological data are available.

**12. Ecological Information**

- General information / ecology  
Ecological data are not available

**13. Disposal Considerations**

- Disposal / product  
Waste code no. (only EC): 060299
- Disposal / contaminated packaging  
Contaminated packaging should be emptied as far as possible and after appropriate  
cleansing may be taken for reuse

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**14. Transport Information**

- Land transport / lorry / international / remarks
- Land transport / rail / international / remarks
- Marine transport / remarks
- Air transport / remarks
- Proper shipping name: Potassium hydroxide solution

80	GGVS/E-Class:	8, II	AS-No.:	060299
1814	ADR/RID-Class:	8, II	Category:	
	ADNR-class:	8	EmS:	8-06
	IMDG/GGVSee-CI/Digit:	8	ICAO/IATA:	8
	MFAG:	705	PG:	II

**15. Regulatory Information**

- Labelling  
The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.  
Hazard symbols
- C Corrosive  
R phrases
- 35 Causes severe burns.  
S phrases
- 2 Keep out of the reach of children.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 27 Take off immediately all contaminated clothing.
- 37/39 Wear suitable gloves and eye/face protection.



**Corrosive**

**16. Other Information**

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the produkt.

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