

EU-Safety Data Sheets relating 91/155/EEC number: 094-612

Home Nr.: 094-612 Revised at: 01.2010
Name in Cmrce. **Ultrasonic-cleaning solution Z**
Version: 1.2 Class of: 01.2010
Product no.: **094-612-00**
Code:

01. Identification of the Substance and of the Company

Product Definition

Name in Cmrce.: Ultrasonic-cleaning solution Z
Product-Infos: Ultrasonic-cleaning solution Z
Manufacturer: DENTAURUM GmbH & Co. KG
Turnstraße 31 D-75228 Ispringen

Information from

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

02. Composition/Information on Ingredients

Chemical Nature:
aqueous solution from phosphate and phosphoric acid (50%)

CAS: 7664-38-2	EG: 231-633-2	UN: 1805	EINECS:
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Dangerous Contents:

CAS number/Description:	Concentration:	GS:	R Phrases:
7664-38-2 phosphoric acid		C	34

03. Hazards Identification

34 Causes 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
Summon a doctor immediately.
Rinse out mouth and give plenty of water to drink.

05. Fire-fighting Measures

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

06. Accidental Release Measures

- personal precautions
Hand protection
Eye protection
- environmental precautions
Do not discharge into the drains/surface waters/groundwater.
- methods for cleaning up/taking up
Take up with absorbent material and dispose

07. Handling and Storage

- Further information on storage conditions
Keep container tightly closed

08. Exposure Controls/Personal Protection

- Hand protection
Plastic gloves
- Eye protection
goggles
- General protective measures
Avoid contact with eyes and skin
- Hygiene measures
Remove soiled or soaked clothing immediately.
After work-time and during work intervals the affected skin areas must be thoroughly cleaned.
Keep away from food and drink.

09. Physical and chemical Properties

- Form
Liquid
- Colour
Light yellow
- Odour
Product specific
- pH-value: 1
- Changes in physical state 2, liquid - gaseous and others
Boiling point: > 100°C
- Density / remarks: 1,44 g/cm³ (20°C)

10. Stability and Reactivity

- Hazardous reactions
Reactions with base metals, with evolution of hydrogen.

11. Toxicological Information

- Irritant effect on skin / validation
corrosive
- 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): 060104
- Disposal / contaminated packaging
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse

14. Transport Information

- UN 1805
Land transport / lorry / international / remarks
1805 Phosphoric acid, solution
- Land transport / rail / international / remarks
1805 Phosphoric acid, solution
- Marine transport / remarks
Proper shipping name: Phosphoric acid
- Air transport / remarks
Proper shipping name: Phosphoric acid

80	GGVS/E-Class:	8, III	AS-No.:	060104
1805	ADR/RID-Class:	8, III	Category:	
	ADNR-class:		EmS:	F-A, S-B
	IMDG/GGVSee-CI/Digit:	8	ICAO/IATA:	8
	MFAG:	700	PG:	III

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
34 Causes burns.
S phrases
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Water hazard class / remarks
Weakly water hazardous WGK 1



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.
