

Pool-i.d. GmbH & Co. KG

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1 Identification of the substance / preparation and of the company

Product: EDTA
Registration number: not applicable
Use: Reagent for analysis of water
Identified use: none
Method of operation: See product information.
Company: Pool-i.d. GmbH & Co. KG
 Daimlerstrasse 20
 76344 Eggenstein-Leopoldshafen / GERMANY
Phone: +49(0)721-782029-0
Fax: +49(0)721-782029-11
Homepage: www.pool-id.com
E-mail: info@pool-id.com
Emergency phone: +49 (0) 89-19240 (24h)
Responsible: Haensler@chemiebuero.de

2 Hazards identification

Physico-chemical hazards: See chapter 10.
Human health dangers: See chapter 11.
Environmental hazards: See chapter 12.
Other hazards: none
Hazard symbols: none
R-phrases: none

3 Composition / Information on ingredients

1 - < 4,5%	Disodium tetraborate
T, R60-61 CAS: 1330-43-4, EINECS/ELINCS: 215-540-4, EU-INDEX: 005-011-00-4, ECBnr:	
1 - < 10%	Disodium dihydrogene ethylene diamintetraacetate-dihydrate
Xn, R22 CAS: 6381-92-6, EINECS/ELINCS: 205-358-3, EU-INDEX: , ECBnr:	
1 - < 5,5%	Boric acid
T, R60-61 CAS: 10043-35-3, EINECS/ELINCS: 233-139-2, EU-INDEX: 005-007-00-2, ECBnr:	
Comment on component parts: For the wording of the listed risk phrases refer to section 16.	

4 First aid measures

General information: not applicable
Inhalation: not applicable
Skin contact: When in contact with the skin, clean with soap and water.
 Consult a doctor if skin irritation persists.
Eye contact: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion: Supply with medical care.
 Rinse out mouth and give plenty of water to drink.
 Induce the patient to vomit of his own accord only if fully conscious.
Advice to doctor: Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media: Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.
Extinguishing media that must not be used: full water jet
Special exposure hazards arising from the substance or preparation itself or combustion products: Unknown risk of formation of toxic pyrolysis products.
Special protective equipment for firefighters: Use self-contained breathing apparatus.
 Do not inhale explosion and/or combustion gases.
Additional information: Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

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6 Accidental release measures

- Personal precautions:** No special measures necessary.
- Environmental precautions:** Do not discharge into the drains/surface waters/groundwater.
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.
- Methods for cleaning up:** Take up mechanically. Avoid production of dust.
Dispose of absorbed material in accordance within the regulations.

7 Handling and storage

- Advice on safe handling:** No special measures necessary if used correctly.
- Advice on protection against fire and explosion:**
No special measures necessary.
- Requirements for storage rooms and vessels:**
Keep only in original container.
- Advice on storage compatibility:** Do not store together with oxidizing agents.
- Further information on storage conditions:**
Keep container tightly closed.

8 Exposure controls / personal protection

- Additional advice on system design:**
not applicable
- Ingredients with occupational exposure limits to be monitored:**
not applicable
- Respiratory protection:** not applicable
- Hand protection:** Butyl rubber, >120 min (EN 374).
- Eye protection:** safety glasses
- Skin protection:** not applicable
- General protective measures:** Avoid contact with eyes and skin.
- Hygiene measures:** Wash hands before breaks and after work.
Use barrier skin cream.
- Delimitation and monitoring of the environmental exposition:**
not determined

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9 Physical and chemical properties

Form:	tablet
Color:	white
Odor:	odourless
pH-value:	not determined
pH-value [1%]:	8,5 (1g/100ml)
Boiling point [°C]:	not determined
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Oxidizing properties:	no
Vapour pressure [kPa]:	not applicable
Density [g/ml]:	not applicable
Density at [°C]:	not applicable
Bulk density [kg/m³]:	not determined
Solubility in water:	soluble
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	not applicable
Relative vapour density determined in air:	not applicable
Evaporation speed:	not applicable
Melting point [°C]:	not determined
Autoignition temperature [°C]:	not applicable
Decomposition temperature:	not applicable

10 Stability and reactivity

Hazardous reactions:	Reactions with oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	Toxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

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12 Ecological information

Fish toxicity: not determinated
Daphnia toxicity: not determinated
Behaviour in environment compartments:
not determinated
Behaviour in sewage plant: not determinated
Bacteria toxicity: not determinated
Biological degradability: not determinated
COD: not determinated
BOD 5: not determinated
AOX-advice: none
2006/11/EC: yes
General information: Ecological data are not available.

13 Disposal considerations

Product: Coordinate disposal with the authorities if necessary.
Contaminated packaging: Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.
Waste no. (recommended): 070799

14 Transport information

Classification according to ADR: NO DANGEROUS GOODS
- **Classification Code:**
- **Label:**

- **ADR LQ**
- **ADR 1.1.3.6 (8.6):** Transport category (tunnel restriction code): -

Classification according to IMDG: NOT CLASSIFIED AS "DANGEROUS GOODS"
- **EMS:**
- **Label:**

- **IMDG Limited Quantities:**

Classification according to IATA: NOT CLASSIFIED AS "DANGEROUS GOODS"
- **Label:**

15 Regulatory information

Exposure scenario: not determinated
Chemical safety report: not determinated
Labelling: The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:
none
R-phrases: none
S-phrases: none
Special labelling: Safety data sheet available for professional user on request.
Authorisation, TITEL VII: not applicable
Restrictions, TITEL VIII: not applicable
EEC-REGULATIONS: 1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT-REGULATIONS: DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2009).
NATIONAL REGULATIONS EH40/2005 Workplace exposure limits with amendments October 2007.

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16 Other informations

R-phrases (Chapter 03): R 22: Harmful if swallowed.
R 60: May impair fertility.
R 61: May cause harm to the unborn child.

Observe employment restrictions for people:
not applicable

VOC (1999/13/CE): not applicable

Customs Tariff: not determined

Disclaimer: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

<http://www.chemiebuero.de> Tel. +49(0)941-566-398(-792) Fax. +49(0)941-566-994 eMail: info@chemiebuero.de

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