

Pool-i.d. GmbH & Co. KG

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1 Identification of the substance / preparation and of the company

Product: Alkalinity P
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
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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 - < 10%	Sulphamic acid
Xi, R36/38-52/53 CAS: 5329-14-6, EINECS/ELINCS: 226-218-8, EU-INDEX: 016-026-00-0, 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: Rinse out mouth and give plenty of water to drink.
Induce the patient to vomit of his own accord only if fully conscious.
Supply with medical care.
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: not applicable
Special exposure hazards arising from the substance or preparation itself or combustion products: Sulphur dioxide (SO₂).
Nitrogen oxides (NO_x).
Special protective equipment for firefighters: Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
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.
Methods for cleaning up: Take up mechanically. Avoid production of dust.
Dispose of absorbed material in accordance with 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.
Provide acid-resistant floor.
Advice on storage compatibility: Do not store together with oxidizing agents.
Do not store with alkalies.
Further information on storage conditions:
Store in a dry place.
Keep container tightly closed.
Keep container in a well-ventilated place.

8 Exposure controls / personal protection

- Additional advice on system design:**
No special measures necessary.
Ingredients with occupational exposure limits to be monitored:
not applicable
Respiratory protection: not applicable
Hand protection: butyl rubber, > 120 min (EN 374)
Eye protection: not applicable
Skin protection: not applicable
General protective measures: Avoid contact with eyes and skin.
Hygiene measures: Do not eat or drink when working.
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:	pink
Odor:	odourless
pH-value:	3,7 (1 g/l)
pH-value [1%]:	not determined
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:	partially 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 strong alkalis and 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 determined
Daphnia toxicity: not determined
Behaviour in environment compartments:
not determined
Behaviour in sewage plant: not determined
Bacteria toxicity: not determined
Biological degradability: not determined
COD: not determined
BOD 5: not determined
AOX-advice: not applicable
2006/11/EC: not applicable
General information: Ecological data are not available.

13 Disposal considerations

Product: For recycling, consult manufacturer.
Coordinate disposal with the disposal contractor/authorities if necessary.
Contaminated packaging: Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

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 LQ:

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

15 Regulatory information

Exposure scenario: not determined
Chemical safety report: not determined
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 36/38: Irritating to eyes and skin.
R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Observe employment restrictions for people:
no

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.

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