

Pool-i.d. GmbH & Co. KG

Date printed: 13.11.2008, Revision: 13.11.2008 Page 1 / 5

1 Identification of the substance / preparation and of the company

Product: Acidifying PT
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: May cause irritation of eyes, mucous membranes and respiratory organs.
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 and immediately with plenty of water and seek medical advice.
Ingestion: Supply with medical care.
Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.
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.
Sulphur oxides (SOx).
Nitrogen oxides (NOx).
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.

Pool-i.d. GmbH & Co. KG

Date printed: 13.11.2008, Revision: 13.11.2008

Page 2 / 5

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:
Keep container tightly closed.
Store in a dry place.

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

Pool-i.d. GmbH & Co. KG

Date printed: 13.11.2008, Revision: 13.11.2008

Page 3 / 5

9 Physical and chemical properties

Form:	tablet
Color:	white
Odor:	odourless
pH-value:	not determined
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 determined
Density at [°C]:	not determined
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 oxidizing agents.
Reactions with alkalies (lyes).
Reactions with various metals.

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.

Pool-i.d. GmbH & Co. KG

Date printed: 13.11.2008, Revision: 13.11.2008

Page 4 / 5

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: not applicable
2006/11/EC: not applicable
General information: Ecological data are not available.
Do not discharge product unmonitored into the environment or into the drainage.

13 Disposal considerations


Product: 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.
Waste no. (recommended): 070799

14 Transport information

Classification according to ADR: UN 2967 Sulphamic acid, mixture 8, III

- Classification Code: C2
- Label: 
- ADR Limited Quantities: LQ24: 6kg

Classification according to IMDG: UN 2967 Sulphamic acid, mixture 8 III

- EMS: F-A, S-B
- Label: 
- IMDG Limited Quantities: LQ: 5 kg

Classification according to IATA: UN 2967 Sulphamic acid, mixture 8 III

- 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: not applicable
Authorisation, TITEL VII: not applicable
Restrictions, TITEL VIII: not applicable
EEC-REGULATIONS: 1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT-REGULATIONS: DOT-Classification, ADR (2007); IMDG-Code (33. Amdt.); IATA-DGR (2008).
NATIONAL REGULATIONS EH40/2005 Workplace exposure limits with amendments October 2007.

Pool-i.d. GmbH & Co. KG

Date printed: 13.11.2008, Revision: 13.11.2008

Page 5 / 5

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:
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.

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