

Pool-i.d. GmbH
76344 Eggenstein-Leopoldshafen

Date printed: 19.08.2010, Revision: 19.08.2010

Page 1 / 4

1 Identification of the substance / preparation and of the company**Iron HR**

Use: Reagent for analysis of water
Identified use: none
Method of operation: See product information.
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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
R-phrases: none

3 Composition / Information on ingredients

Range [%]	Substance
1 - < 20	Calcium thioglycollate trihydrate
	Registration: CAS: 65208-41-5, EINECS/ELINCS: 249-881-5, EU-INDEX: , ECBnr:
	GHS/CLP:
	EEC: Xn, R22-36/37/38

Comment on component parts: For the wording of the listed risk phrases refer to section 16.
Substances of Very High Concern - SVHC: The product contains no substance which is named in the list SVHC (Candidate List of Substances of Very High Concern for authorization).

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 water.
In the event of symptoms seek for medical treatment.
Ingestion: Seek medical advice.
Rinse out mouth and give plenty of water to drink.
Advice to doctor: Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media: All extinguishing media are suitable but method must take into account the surrounding area to minimize dispersion.
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: 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 with the local regulations.

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 within the regulations.

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Page 2 / 4

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.
 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: (GB)

Range [%]	Substance / WEL: Workplace exposure limit
1 - < 20	Polyethyleneglycol / -ppm, 1000mg/m ³ , Germany

Respiratory protection: not applicable

Hand protection: The details concerned are recommendations. Please contact the glove supplier for further information.
 In full contact:
 Butyl rubber, >120 min (EN 374).

Eye protection: safety glasses

Skin protection: not applicable

General protective measures: Avoid contact with eyes and skin.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.

Hygiene measures: Wash hands before breaks and after work.

Use barrier skin cream.

Delimitation and monitoring of the environmental exposition: not determined

9 Physical and chemical properties

Form: tablet
Color: white
Odor: characteristic
pH-value: 9,2 (145g/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 determined
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 strong oxidizing agents.

Hazardous decomposition products: No hazardous decomposition products known.

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Page 3 / 4

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.

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. No classification on the basis of the calculation procedure of the preparation directive.

13 Disposal considerations

Product:	Coordinate disposal with the disposal contractor/authorities if necessary.
Contaminated packaging:	Untaminated 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:	
- ADR LQ	
- ADR 1.1.3.6 (8.6):	Transport category (tunnel restriction code): -
- Label:	
Classification according to IMDG:	NOT CLASSIFIED AS "DANGEROUS GOODS"
- EMS	
- IMDG LQ:	
- Label:	
Classification according to IATA:	NOT CLASSIFIED AS "DANGEROUS GOODS"
- Label:	

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76344 Eggenstein-Leopoldshafen

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Page 4 / 4

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 (Reach); 1272/2008; 75/324/EWG (2008/47/EG
TRANSPORT-REGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
NATIONAL REGULATIONS (GB)	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4

16 Other informations

R-phrases (Chapter 03):	R 36/37/38: Irritating to eyes, respiratory system and skin. R 22: Harmful if swallowed.
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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