

- · Label elements
- · Labelling according to EU guidelines:
- Observe the general safety regulations when handling chemicals

The substance is not subject to classification according to EU lists and other sources of literature known to us. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

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8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Components with limit values that require monitoring at the workplace: Not required.
- Additional information: The lists that were valid during the creation were used as basis.
- · Personal protective equipment
- General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed.
 Protection of hands: Protective gloves.

· Material of gloves Synthetic gloves

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Reviewed on 01/20/2012

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· Penetration time of glove material

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The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. • Eye protection: Safety glasses

General Information		
Appearance:		
Form:	Powder	
Color:	Whitish	
Odor:	Odorless	
Odour threshold:	Not determined.	
pH-value:	Not applicable.	
Change in condition		
Melting point/Melting range:	undetermined	
Boiling point/Bolling range:	undetermined	
Flash point:	Not applicable	
Flammability (solid, gaseous)	Product is not flammable.	
Ignition temperature:		
Decomposition temperature:	Not determined.	
Auto igniting:	Not determined.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	-
Vapor pressure:	Not applicable.	
Density:	Not determined	
Relative density	Not determined.	
Vapour density	Not applicable.	
Evaporation rate	Not applicable.	
Solubliity in / Miscibility with		
Water at 20°C:	6 g/l	
	Fully miscible	
Segregation coefficient (n-octonol/w	ater): Not determined.	
Viscosity:		
dynamic:	Not applicable.	
kinematic:	Not applicable.	
Organic solvents:	0.0 %	
Solids content:	100.0 %	
Other information	No further relevant information available.	

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10 Stability and reactivity

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Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
 Incompatible materials: No further relevant information available.

· Hazardous decomposition products: No dangerous decomposition products known

11 Toxicological information

Acute toxicity:

Primary irritant effect:

• on the skin: No irritant effect. • on the eye: No irritant effect.

Sensitization: No sensitizing effects known.

· Additional toxicological information:

When used and handled eccording to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

· Target organs: Not applicable.

12 Ecological information

Aquatic toxicity: No further relevant information available.
 Persistence and degradability No further relevant information available.
 Behavior in environmental systems:
 Bioaccumulative potential No further relevant information available.
 Additional ecological information:

General notes: Generally not hazardous for water.

13 Disposal considerations

Waste treatment methods
 Recommendation
 Hand over to hazardous waste disposers.
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
 Uncleaned packagings:
 Recommendation: Disposal must be made according to official regulations.

14 Transport information		
· UN-Number · DOT, ADR, ADN, IMDG, IATA	Void	
· UN proper shipping name · DOT, ADR, ADN, IMDG, IATA	Void	
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Void

Void

No

Not applicable.

Not applicable.

Not dangerous according to the above specifications.

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· National regulations

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· Water hazard class: Generally not hazardous for water.

16 Other information

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.

· Department issuing MSDS: Environmental Health and Safety.

Contact: Life Science Group, Environmental Health and Safety, 2000 Alfred Nobel Drive, Hercules, California, 94547: 1(510) 741-1000

Diagnostic Group, Environmental Health and Safety, 4000 Alfred Nobel Drive, Hercules, California, 94547: 1(510) 724-7000 * Data compared to the previous version altered.

15 Regulatory information

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Packing group

Marine pollutant:

and the IBC Code

Class

· Transport hazard class(es)

DOT, ADR, IMDG, IATA

Environmental hazards:

Special precautions for user

Transport/Additional information:

· DOT, ADR, ADN, IMDG, IATA

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Transport in bulk according to Annex II of MARPOL73/78

	· SARA (Superfund Amendents and Reauthorization Act of 1986 - USA)
	Section 302/304 (40CFR355.30 / 40CFR355.40):
	Substance not listed.
-	· Section 313 (40CFR372.65):
	Substance is not listed.
-	· TSCA (Toxic Substances Control Act):
	Substance is listed.
	· Carcinogenic categories
	EPA (Environmental Protection Agency)
	Substance is not listed.
	IARC (International Agency for Research on Cancer)
	Substance is not listed.
	NTP (National Toxicology Program)
_	Substance is not listed.
	TLV (Threshold Limit Value established by ACGIH)
	Substance is not listed.
	• MAK (German Maximum Workplace Concentration)
	Substance is not listed.
	· NIOSH-Ca (National Institute for Occupational Safety and Health)
	Substance is not listed.
	· OSHA-Ca (Occupational Safety & Health Administration)
	Substance is not listed.
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