Revision: 06.09.2013

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Trade name Stock number: CAS Number: EC number: 1.2 Relevant identified uses of the substance Identified use:	Sodium hydrogen sulfide 87389 16721-80-5 240-778-0 e or mixture and uses advised against.		
1.3 Details of the supplier of the safety data Manufacturer/Supplier:	sheet Alfa Aesar GmbH & Co.KG A Johnson Matthey Company Zeppelinstr. Zh		
Informing department: 1.4 Emergency telephone number:	76185 Karlsruhe / Germany Tel: +49 (0) 721 84007 280 Fax: +49 (0) 721 84007 300 Email: tech@alfa.com www.alfa.com Product safety Tel + +049 (0) 7275 988687-0 Carechem 24: +44 (o) 1235 239 670 (Multi-language emergency number) Poison Information Center Mainz www.giftinfo.uni-mainz.de Telephone: +49(0)6131/19240		
SECTION 2: Hazards identification			
2.1 Classification of the substance or mixtur Classification according to Regulation (EC)			
GHS02 flame			
Flam. Sol. 1 H228 Flammable solid. Self-heat. 1 H251 Self-heating: may catch fin	e.		
GHS05 corrosion			
Skin Corr. 1B H314 Causes severe skin burns	and eye damage.		
GHS07			
Acute Tox. 4 H302 Harmful if swallowed. Acute Tox. 4 H312 Harmful in contact with sk Acute Tox. 4 H332 Harmful if inhaled.	in.		
Classification according to Directive 67/548/	EEC or Directive 1999/45/EC		
R34: Causes burns. Xn; Harmful			
R20/21/22: Harmful by inhalation, in contact	with skin and if swallowed.		
R11: Highly flammable.			
R31: Contact with acids liberates toxic Information concerning particular hazards			
for human and environment: Other hazards that do not result in	Not applicable		
_classification 2.2 Label elements	No information known.		
Labelling according to Regulation (EC) No 1272/2008	The substance is classified and labelled according to the CLP regulation.		
Hazard pictograms Signal word	GHS02, GHS05, GHS07 Danger H228 Flammable solid.		
Hazard statements	H251 Self-heating: may catch tire. H302 Harmful if swallowed. H312 Harmful in contact with skin.		
Precautionary statements	H332 Harmful if inhaled. H314 Causes severe skin burns and eye damage. P210 Keep away from heat/sparks/open flames/hot surfaces No smoking.		
	P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin		
	With water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if		
	P405 present and easy to do. Continue rinsing. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international		
Additional information: 2.3 Other hazards	regulations. EUH031 Contact with acids liberates toxic gas.		
Results of PBT and vPvB assessment PBT: vPvB:	Not applicable. Not applicable.		
SECTION 3: Composition/information of	on ingredients		
3.1 Substances CAS# Designation:	16721-80-5 Sodium hydrogen sulfide		
Identification number(s): EC number:	240-778-0		
SECTION 4: First aid measures 4.1 Description of first aid measures General information After inhalation	Instantly remove any clothing soiled by the product. Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms		
After skin contact	persist. Seek immediate medical advice. Instantly wash with water and soap and rinse thoroughly. Seek immediate medical advice.		
	(Contd. on page 2) DE/E		

## Safety data sheet according to 1907/2006/EC, Article 31

	according to 1907/2006/EC, Article 31	
nting date 09.09.2013		Revision: 06.09.2
de name Sodium hydrogen sulfide		
After ave contact	Pince append ave for coveral minutes upder running water. Then concult dector	(Contd. of pag
After eye contact After swallowing	Rinse opened eye for several minutes under running water. Then consult doctor. Seek medical treatment.	
4.2 Most important symptoms and effects, both acute and delayed	No further relevant information available.	
4.3 Indication of any immediate medical attention and special treatment needed	No further relevant information available.	
SECTION 5: Firefighting measures		
5.1 Extinguishing media		
Suitable extinguishing agents For safety reasons unsuitable extinguishing	In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water	r.
agents 5.2 Special hazards arising from the	Water.	
5.3 Advice for firefighters	If this product is involved in a fire, the following can be released:	
Protective equipment:	Wear self-contained breathing apparatus.	
	Wear full protective suit.	
SECTION 6: Accidental release measure	9S	
6.1 Personal precautions, protective equipment and emergency procedures	Put on breathing apparatus. Wear protective equipment. Keep unprotected persons away.	
	Ensure adequate ventilation	
6.2 Environmental precautions:	Keep away from ignition sources Do not allow product to reach sewage system or water bodies.	
6.3 Methods and material for containment	Do not allow to enter the ground/soil.	
and cleaning up:	Use neutralizing agent. Dispose of contaminated material as waste according to item 13.	
Prevention of secondary hazards:	Ensure adequate ventilation.	
6.4 Reference to other sections	Keep away from ignition sources. See Section 7 for information on safe handling See section 8 for information on personal protection equipment.	
	See Section 13 for information on disposal.	
SECTION 7: Handling and storage		
7.1 Precautions for safe handling	Handle under dry protective gas. Keep containers tightly sealed	
	Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace.	
Information about protection against explosions and fires:	Protect against electrostatic charges.	
7.2 Conditions for safe storage, including any	с с	
Storage Requirements to be met by storerooms and		
containers: Information about storage in one common	Store in cool location.	
storage facility:	Do not store together with acids. Store away from water.	
Further information about storage	Store away from strong bases.	
conditions:	Store under dry inert gas. This product is hygroscopic.	
	This product is molecure sensitive. Keep container tightly sealed.	
	Store in cool, dry conditions in well sealed containers	
	Protect from humidity and keep away from water. Store in a locked cabinet or with access restricted to technical experts or their assistants.	
7.3 Specific end use(s)	No further relevant information available.	
SECTION 8: Exposure controls/persona Additional information about design of	il protection	
technical systems:	Properly operating chemical fume hood designed for hazardous chemicals and having an a of at least 100 feet per minute.	average face velo
8.1 Control parameters	Properly operating chemical fume hood designed for hazardous chemicals and having an a of at least 100 feet per minute.	average face velc
8.1 Control parameters Components with critical values that require	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha	0
8.1 Control parameters Components with critical values that require monitoring at the workplace:	of at least 100 feet per minute.	0
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that has at the workplace.	0
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that has at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals.	0
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keen away from foodstuffs, beverages and food	J.
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that has at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eves and skin.	J.
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment General protective and hygienic measures	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations.	ave to be monitor
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment General protective and hygienic measures	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations.	ave to be monitor
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment General protective and hygienic measures Breathing equipment: Protection of hands:	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on furth and varies from manufacturer to manufacturer.	ave to be monitor
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment General protective and hygienic measures Breathing equipment: Protection of hands: Material of gloves Penetration time of glove material	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on furth and varies from manufacturer to manufacturer. Impervious gloves	ave to be monitor
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8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment General protective and hygienic measures Breathing equipment: Protection of hands: Material of gloves Penetration time of glove material Eye protection: Body protection:	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on furth and varies from manufacturer to manufacturer. Impervious gloves Not determined Tightly sealed safety glasses. Full face protection Protective work clothing.	ave to be monitor
8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment General protective and hygienic measures Breathing equipment: Protection of hands: Material of gloves Penetration time of glove material Eye protection: Body protection: SECTION 9: Physical and chemical prop	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on furth and varies from manufacturer to manufacturer. Impervious gloves Not determined Tightly sealed safety glasses. Full face protection Protective work clothing.	ave to be monitor
technical systems: 8.1 Control parameters Components with critical values that require monitoring at the workplace: Additional information: 8.2 Exposure controls Personal protective equipment General protective equipment General protective and hygienic measures Breathing equipment: Protection of hands: Material of gloves Penetration time of glove material Eye protection: Body protection: SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemic General Information Appearance:	of at least 100 feet per minute. The product does not contain any relevant quantities of materials with critical values that ha at the workplace. No data The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations. Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on furth and varies from manufacturer to manufacturer. Impervious gloves Not determined Tightly sealed safety glasses. Full face protection Protective work clothing.	ave to be monitor

## Tra

Revision: 06.09.2013

Codium budrovon oulfido	
ide name Sodium hydrogen sulfide	
Colour:	Off-white (Contd. of page
Smell:	Like rotten eggs
Odour threshold: pH-value:	Not determined. Not applicable.
Change in condition	
Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	350 °C Not determined
Sublimation temperature / start:	Not determined
Inflammability (solid, gaseous) Ignition temperature:	Highly flammable. Not determined
Decomposition temperature:	Not determined
Self-inflammability: Critical values for explosion:	Not determined.
Lower:	Not determined
Upper: Steam pressure: Density at 20 °C	Not determined Not applicable.
Density at 20 °C Relative density	Not applicable. 1,79 g/cm <sup>3</sup> Not determined.
Vapour density	Not applicable.
Evaporation rate Solubility in / Miscibility with	Not applicable.
Water:	Soluble
Partition coefficient (n-octanol/water): Viscosity:	Not determined.
dynamic: kinematic:	Not applicable.
9.2 Other information	Not applicable. No further relevant information available.
SECTION 10: Stability and reactivity	
10.1 Reactivity	Contact with acids liberates toxic gas.
10.2 Chemical stability Thermal decomposition / conditions to be	Stable under recommended storage conditions.
avoided:	No decomposition if used and stored according to specifications. No dangerous reactions known
10.3 Possibility of hazardous reactions 10.5 Incompatible materials:	No dangerous reactions known Water/moisture
	Bases Acids
SECTION 11: Toxicological information	
11.1 Information on toxicological effects	
Acute toxicity:	Harmful if inhaled.
	Harmful in contact with skin. Harmful if swallowed.
	Danger by skin resorption.
	Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
LD/LC50 values that are relevant for	The Registry of Toxic Effects of Chemical Substances (RTECS) contains acute toxicity data for this substan
classification:	No data
Skin irritation or corrosion: Eye irritation or corrosion:	Causes severe skin burns. Causes serious eye damage.
Sensitization:	No sensitizing effect known.
Germ cell mutagenicity: Carcinogenicity:	The Registry of Toxic Effects of Chemical Substances (RTECS) contains mutation data for this substance. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OS
Reproductive toxicity:	or ACGIH.
Specific target organ system toxicity -	
epeenio target organ system toxicity -	No effects known.
repeated exposure:	
repeated exposure: Specific target organ system toxicity - single exposure:	No effects known. No effects known. No effects known.
repeated exposure: Specific target organ system toxicity - single	No effects known. No effects known. No effects known.
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans:	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance.
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information:	No effects known. No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance.
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity:	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity:	No effects known. No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No further relevant information available. No further relevant information available.
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity: 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
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repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity: 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil Additional ecological information: General notes:	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No further relevant information available. No further relevant information available. Water hazard class 1 (Self-assessment): slightly hazardous for water.
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repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity: 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil Additional ecological information: General notes: 12.5 Results of PBT and vPvB assessment PBT: vPvB:	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No further relevant information available. No further relevant information available. Not applicable. Not applicable.
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity: 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil Additional ecological information: General notes: 12.5 Results of PBT and vPvB assessment PBT: vPvB: 12.6 Other adverse effects	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No further relevant information available. No further
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity: 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil Additional ecological information: General notes: 12.5 Results of PBT and vPvB assessment PBT: vPvB: 12.6 Other adverse effects SECTION 13: Disposal considerations	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No further relevant information available. No further relevant information available. Not applicable. Not applicable.
repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity: 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil Additional ecological information: General notes: 12.5 Results of PBT and vPvB assessment PBT: vPvB: 12.6 Other adverse effects	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No further relevant information available. No further relevant information available. Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage syster Avoid transfer into the environment. Not applicable. No further relevant information available. Hand over to disposers of hazardous waste.
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repeated exposure: Specific target organ system toxicity - single exposure: Aspiration hazard: Experience with humans: Additional toxicological information: SECTION 12: Ecological information 12.1 Toxicity Aquatic toxicity: 12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil Additional ecological information: General notes: 12.5 Results of PBT and vPvB assessment PBT: vPvB: 12.6 Other adverse effects SECTION 13: Disposal considerations 13.1 Waste treatment methods Recommendation	No effects known. No effects known. No effects known. The Registry of Toxic Effects of Chemical Substances (RTECS) contains multiple dose toxicity data for this substance. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No further relevant information available. No tapplicable. No further relevant information available. Hand over to disposers of hazardous waste.

## Trade name Sodium hydrogen sulfide

Page 4/4

	(Contd. of page 3)
SECTION 14: Transport information	
UN-Number ADR, IMDG, IATA	UN2318
14.2 UN proper shipping name ADR	
IMDG, IATA 14.3 Transport hazard class(es)	SODIUM HYDROSULPHIDE
ADR	
Class Label IMDG, IATA	<ul><li>4.2 (S4) Substances liable to spontaneous combustion.</li><li>4.2</li></ul>
Class Label	<ul><li>4.2 Substances liable to spontaneous combustion.</li><li>4.2</li></ul>
Packing group ADR, IMDG, IATA	11
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user Kemler Number: Segregation groups	Warning: Substances liable to spontaneous combustion. 40 Alkalis
14.7 Transport in bulk according to Annex II Code	of MARPOL73/78 and the IBC Not applicable.
Transport/Additional information:	···
ADR Excepted quantities (EQ): Limited quantities (LQ) Transport category	E2 0 2
Tunnel restriction code	D/E
UN "Model Regulation":	UN2318, SODIUM HYDROSULPHIDE, 4.2, II
SECTION 15: Regulatory information 15.1 Safety, health and environmental regula Australian Inventory of Chemical	tions/legislation specific for the substance or mixture
Substances Standard for the Uniform Scheduling of Drugs and Reisons	Substance is listed. Substance is not listed.
Drugs and Poisons National regulations Information about limitation of use:	Employment restrictions concerning young persons must be observed. For use only by technically qualified individuals.
Water hazard class: Other regulations, limitations and prohibitive	Water hazard class 1 (Self-assessment): slightly hazardous for water.
Other regulations, limitations and prohibitive ELINCS (European List of Notified Chemical Substances)	Substance is not listed.
Substances of very high concern (SVHC) according to REACH, Article 57	Substance is not listed.
REACH - Pre-registered substances 15.2 Chemical safety assessment:	Substance is listed. A Chemical Safety Assessment has not been carried out.
this information to ensure proper use and protect	supplement to other information gathered by them, and should make independent judgement of suitability of t the health and safety of employees. This information is furnished without warranty, and any use of the produc a Sheet, or in combination with any other product or process, is the responsibility of the user.
Department issuing SDS: Abbreviations and acronyms:	Health, Safety and Environmental Department. ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMD6: International Maritime Code for Dangerous Goods IATA: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent
	DE/E