



Page 1/4 Printing date 03/29/2018 Revision date 03/28/2018 Version 2

	Version 2
1 Identification Product identifier Product name: Rhodium(III) oxide pentahydrate	
Stock number: 12667 CAS Number: 39373-27-8	
EC number: 234-846-9 Relevant identified uses of the substance or mixture and uses advised against. Identified use: SU24 Scientific research and development	
Details of the supplier of the safety data sheet Manufacturer/Supplier: Alfa Aesar Thermo Fisher Scientific Chemicals, Inc.	
30 Bond Street Ward Hill, MA 01835-8099 Tel: 800-343-0660 Fax: 800-322-4757	
Email: tech@alfa.com www.alfa.com Information Department: Health, Safety and Environmental Department Emergency telephone number:	
During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928-078	89.
2 Hazard(s) identification Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) The substance is not classified as hazardous according to 29 CFR 1910 (OSHA GHS). Hazards not otherwise classified No information known.	
Label elements GHS label elements Not applicable Hazard pictograms Not applicable Signal word Not applicable	
Hazard statements' Not applicable WHMIS classification Not controlled Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System)	
HEALTH I Health (acute effects) = 1 FIRE I Flammability = 0 REACTIVITY Physical Hazard = 1	
Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.	
3 Composition/information on ingredients Chemical characterization: Substances	
CAS# Description: 39373-27-8 Rhodium(III) oxide pentahydrate Concentration: ≤100% Identification number(s): EC number: 234-846-9	
4 First-aid measures	
Description of first aid measures After inhalation Supply fresh air. If required, provide artificial respiration. Keep patient warm.	
Seek immediate medical advice. After skin contact Immediately wash with water and soap and rinse thoroughly.	
Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment.	
Information for doctor Most important symptoms and effects, both acute and delayed No further relevant information available. Indication of any immediate medical attention and special treatment needed No further relevant information available.	
5 Fire-fighting measures	
Extinguishing media Suitable extinguishing agents Product is not flammable. Use fire-fighting measures that suit the surrounding fire. Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released: Advice for firefighters Protective equipment:	
Wear self-contained respirator. Wear fully protective impervious suit.	
6 Accidental release measures Personal precautions, protective equipment and emergency procedures	
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Environmental precautions: Do not allow product to reach sewage system or any water course.	
Methods and material for containment and cleaning up: Pick up mechanically. Prevention of secondary hazards: No special measures required.	Contd. on page 2)

Product name: Rhodium(III) oxide pentahydrate

(Contd. of page 1)

Reference to other sections See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information. Protective Action Criteria for Chemicals PAC-1: Substance is not listed. PAC-2: Substance is not listed. PAC-3: Substance is not listed.

7 Handling and storage

Handling Precautions for safe handling

Keep container tightly sealed. Store in cool, dry place in tightly closed containers. Information about protection against explosions and fires: The product is not flammable

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Store away from oxidizing agents. Further information about storage conditions:

Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

Control parameters Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. Additional information: No data

Exposure controls

Exposure controls Personal protective equipment General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Maintain an ergonomically appropriate working environment. Breathing equipment:

Maintain an ergonomically appropriate working environment. **Breathing equipment:** Use suitable respirator when high concentrations are present. Use suitable respiratory protective device in case of insufficient ventilation. **Recommended filter device for short term use:** Use a respirator with type N95 (USA) or PE (EN 143) cartridges as a backup to engineering controls. Risk assessment should be performed to determine if air-purifying respirators are appropriate. Only use equipment tested and approved under appropriate government standards. **Protection of hands:** Impervise govers

Impervious gloves

Impervious gioves Check protective gloves prior to each use for their proper condition. The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. **Eye protection:** Safety glasses with side shields / NIOSH (US) or EN 166(EU) **Body protection:** Protective work clothing.

9 Physical and chemical properties

9 Physical and chemical properties	
Information on basic physical and che General Information Appearance: Form: Odor: Odor: Odor threshold:	emical properties Powder Not determined Not determined.
pH-value:	Not applicable.
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature: Auto igniting:	Not determined Not determined Not determined Not determined Not determined Not determined Not determined Not determined
Danger of explosion: Explosion limits:	Not determined.
Lower: Upper: Vapor pressure: Density: Relative density Vapor density Evaporation rate Solubility in / Miscibility with	Not determined Not determined Not applicable. Not determined Not determined. Not applicable. Not applicable.
Water: Partition coefficient (n-octanol/water): Viscosity:	Not determined Not determined.
dynamic: kinematic: Other information	Not applicable. Not applicable. No further relevant information available.

USA (Contd. on page 3) Product name: Rhodium(III) oxide pentahydrate

(Contd. of page 2)

		1 1 8
10 Stability and reactivity		
Reactivity No information known. Chemical stability Stable under recommended storage condit	tions	
Thermal decomposition / conditions to be avoided: Decom	position will not occur if used and stored according to specifications.	
Possibility of hazardous reactions Reacts with strong oxidizing Conditions to avoid No further relevant information available.	ing agents	
Incompatible materials: Oxidizing agents		
11 Toxicological information		
Information on toxicological effects		
Acute toxicity: No effects known. LD/LC50 values that are relevant for classification: No data		
Skin irritation or corrosion: May cause irritation		
Eye irritation or corrosion: May cause irritation Sensitization: No sensitizing effects known. Germ cell mutagenicity: No effects known.		
Germ cell mutagenicity: No effects known. Carcinogenicity: No classification data on carcinogenic prope	rties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.	
Reproductive toxicity: No effects known.		
Specific target organ system toxicity - repeated exposure:	No effects known.	
Specific target organ system toxicity - single exposure: No	o effects known.	
Aspiration hazard: No effects known. Subacute to chronic toxicity: No effects known.		
Additional toxicological information: To the best of our know	wledge the acute and chronic toxicity of this substance is not fully known.	
12 Ecological information		
Toxicity		
Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information	n available.	
Bioaccumulative potential No further relevant information ava Mobility in soil No further relevant information available.	ailable.	
Additional ecological information:		
General notes: Do not allow undiluted product or large quantities to reach grou	und water, water course or sewage system.	
Do not allow undiluted product or large quantities to reach grou. Avoid transfer into the environment. Results of PBT and vPvB assessment		
PBT: Not applicable.		
vPvB: Not applicable. Other adverse effects No further relevant information availabl		
13 Disposal considerations		
Waste treatment methods Recommendation Consult state, local or national regulations t	to ensure proper disposal	
Recommendation Consult state, local or national regulations t Uncleaned packagings:		
Recommendation Consult state, local or national regulations t Uncleaned packagings: Recommendation: Disposal must be made according to officia		
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information		
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA		
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number	al regulations.	
Recommendation Consult state, local or national regulations t Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name	al regulations. Not applicable	
Recommendation Consult state, local or national regulations t Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA	al regulations. Not applicable Not applicable	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	al regulations. Not applicable	
Recommendation Consult state, local or national regulations t Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA	al regulations. Not applicable Not applicable	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group	al regulations. Not applicable Not applicable Not applicable Not applicable	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not applicable. Not applicable.	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not applicable. Not applicable.	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information:	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not applicable. Not applicable.	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not applicable. Not applicable.	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT	A regulations.	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation":	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable.	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation":	A regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. No No Not applicable. No No Not applicable. No No Not applicable. No	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable	A regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. No No Not applicable. No No Not applicable. No No Not applicable. No	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable	A regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. No No Not applicable. No No Not applicable. No No Not applicable. No	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to officia 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable Hazard pictograms Not applicable Signal word Not applicable Signal word Not applicable	A regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. No No Not applicable. No No Not applicable. No No Not applicable. No	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to official 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable Hazard pictograms Not applicable Hazard statements Not applicable Hazard statements Not applicable National regulations	A regulations.	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to official 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable Hazard pictograms Not applicable Signal word Not applicable Mational regulations All components of this product are listed in the U.S. Environme All components of this product are listed on the Canadian Dom	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to official 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable Hazard pictograms Not applicable Signal word Not applicable Hazard statements Not applicable National regulations All components of this product are listed in the U.S. Environme All components of this product are listed on the Canadian Dom SARA Section 313 (specific toxic chemical listings) Substa California Proposition 65	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. No	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to official 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable Hazard pictograms Not applicable Signal word Not applicable Mational regulations All components of this product are listed in the U.S. Environme All components of this product are listed on the Canadian Dom SARA Section 313 (specific toxic chemical listings) Substat California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is n	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. No	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to official 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable Hazard pictograms Not applicable Hazard statements Not applicable National regulations All components of this product are listed in the U.S. Environme All components of this product are listed in the U.S. Environme All components of this product are listed on the Canadian Dom SARA Section 313 (specific toxic chemical listings) Substa California Proposition 65 Prop 65 - Developmental toxicity Substance is not listed. Prop 65 - Developmental toxicity Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not listed.	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. No	
Recommendation Consult state, local or national regulations to Uncleaned packagings: Recommendation: Disposal must be made according to official 14 Transport information UN-Number DOT, ADN, IMDG, IATA UN proper shipping name DOT, ADR, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Packing group DOT, ADR, IMDG, IATA Environmental hazards: Special precautions for user Transport in bulk according to Annex II of MARPOL73/78 a Transport/Additional information: DOT Marine Pollutant (DOT): UN "Model Regulation": 15 Regulatory information Safety, health and environmental regulations/legislation sp GHS label elements Not applicable Hazard pictograms Not applicable Hazard statements Not applicable Mational regulations All components of this product are listed in the U.S. Environme All components of this product are listed in the U.S. Environme All components of this product are listed in the U.S. Environme All components of this product are listed in the U.S. Environme All components of this product are listed in the Canadian Dom SARA Section 313 (specific toxic chemical listings) Substa California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals known to cause cancer Substance is no Prop 65 - Chemicals kno	al regulations. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable. Not	

Product name: Rhodium(III) oxide pentahydrate

(Contd. of page 3)

USA

Other regulations, limitations and prohibitive regulations Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No. 1907/2006. Substance is not listed. The conditions of restrictions according to Article 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the market and use much because the second secon market and use must be observed.

Substance is not listed Annex XIV of the REACH Regulations (requiring Authorisation for use) Substance is not listed. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user."
Department issuing SDS: Global Marketing Department
Date of preparation/Revision: Print date, revision date and version number are in the header of each page.
Abbreviations and accomyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
MDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Substances
LCSO: Lethal concentration, 50 percent
DDS: Lethal concentration, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
VPVE: very Persistent and very Bioaccumulative
AGHI: American Constraint (USA)
WTP: National Toxicology Program (USA)
AGH: Occupational Safety and Health Administration (USA)
WTP: National Toxicology Program (USA)
AGH: Cocupational Safety and Health Administration (USA)
AGH: Cocupational Safety and Health Administration (USA)
AGH: Cocupational Safety and Health Administration (USA)
AGH: Cocupational Toxicology Program (USA)