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	Version 1
1 Identification	
Product identifier Product name: <b>3-(Difluoromethoxy)benzylamine</b>	
Stock number: H50322 CAS Number: 244022-71-7	
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-	0780
	0789.
2 Hazard(s) identification Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)	
GHS05 Corrosion	
Skin Corr. 1C H314 Causes severe skin burns and eye damage. Eye Dam. 1 H318 Causes serious eye damage. Hazards not otherwise classified No information known.	
Label elements GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms	
GHS05	
Signal word Danger Hazard statements	
H314 Causes severe skin burns and eye damage. <b>Precautionary statements</b> P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P309 IF exposed or if you feel unwell: P310 Immediately call a POISON CENTER/doctor.	
WHMIS classification D2B - Toxic material causing other toxic effects E - Corrosive material	
Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System)	
HEALTH       Image: Health (acute effects) = 3         FIRE       Image: Flammability = 1         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: 244022-71-7 3-(Difluoromethoxy)benzylamine Concentration: ≤100%	
4 First-aid measures	
Description of first aid measures General information Immediately remove any clothing soiled by the product.	
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 immédiate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment.	(Cantol and a
	(Contd. on page 2) USA

(Contd. of page 1) Information for doctor Most important symptoms and effects, both acute and delayed Causes severe skin burns. Causes serious eye damage. Indication of any immediate medical attention and special treatment needed No further relevant information available. 5 Fire-fighting measures Extinguishing media
Suitable extinguishing agents Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture
If this product is involved in a fire, the following can be released:
Carbon monoxide and carbon dioxide
Hydrogen fluoride (HF)
Nitrogen oxides (NOx)
Advice for firefighters
Protective equipment:
Wear self-contained respirator.
Wear fully protective impervious suit. Extinguishing media 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: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent. Dispose of contaminated material as waste according to section 13. Ensure adequate ventilation. Prevention of secondary hazards: No special measures required. 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-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 Handle under dry protective gas. Keep container tightly sealed. Ensure good ventilation at the workplace. Information about protection against explosions and fires: No information known.

Conditions for safe storage, including any incompatibilities Storage Requirements to be met by storerooms and receptacles: Refrigerate Information about storage in one common storage facility: Store away from air. Protect from heat. Do not store together with acids. Store away from oxidizing agents. Further information about storage conditions: Store under dry inert gas. This product is air sensitive. Keep container tightly sealed.

Refrigerate 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

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. Avoid contact with the eves and skin Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment.

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 multi-purpose combination (US) or type ABEK (EN 14387) 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 such as NIOSH (USA) or CEN (EU). Protection of hande:

Protectión of hands:

Impervious gloves 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.

(Contd. on page 3)

(Contd. of page 2)

Eye protection:	
Tightly sealed goggles	
Full food protoction	
Full face protection	
Safety plasses with sid	l

Physical and chemical properties     Information on basic physical and chemical properties     Information on basic physical and chemical properties     Appearance into     Appearan	Full fáce protečtion Safety glasses with side shields / NIOS <b>Body protection:</b> Protective work cloth		
General Information         Liquid           Province:         Liquid           Odor:         Anine-like           Odor:         Not determined.           Physics         Not determined.           Change in condition         Mediatermined.           Meding point/Meding range:         Not determined.           SubMidMattor temperature is start:         Not determined.           Balance         SubMidMattor is start:         Not determined.           Danger of explosion:         Not determined.           Upport:         Not determined.           Vapor density:         Not determined.           Vapor density:         Not determined.           Variatin: Mit Missibility with         Not determined.<	9 Physical and chemical properties	S	
Odor threshold:         Not determined.           pH-value:         Not determined.           Change in condition Melling point/Boiling range:         Not determined.           Planmability (solid, gasses)         Not determined.           Planmability (solid, gasses)         Not determined.           Planmability (solid, gasses)         Not determined.           Participative:         Not determined.           Participative:         Not determined.           presonposition emperature:         Not determined.           Darger of explosion:         Not determined.           Explosion limits:         Not determined.           Explosion limits:         Not determined.           Basing:         Not determined.           Uppor:         Not determined.           Variance:         Not determined. <th>General Information Appearance: Form:</th> <th>Liquid</th> <th></th>	General Information Appearance: Form:	Liquid	
Image: Product State         Not determined.           Change in condition         Not determined.           Boiling point/Boiling range: Not determined         Sublimation temperature's tart: Not determined           Sublimation temperature is the image			
Change in condition       Not determined         Builting point/Boiling range:       Not determined         Subinition temperature       Statistication temperature         Provide Statistication temperature       Not determined         Barger of explosion:       Not determined         Danger of explosion:       Not determined         Danger of explosion:       Not determined         Danger of explosion:       Not determined         Uppor:       Not determined         Uppor:       Not determined         Uppor:       Not determined         Uppor:       Not determined         Vapor pressure:       Not determined         Vapor density       Not determined         Vation Mornation       Not indetermined         Viscosity:       Not determined         Viscosity:       Not determined         Viscosity:       Not determined         Viscosity:       Not determined         Viscos			
Boiling point/Boiling range:       Not determined         Sublimition temperature:       Not determined         Gecomposition temperature:       Not determined         Decomposition temperature:       Not determined         Ediosion timits:       Not determined         Upper:       Not determined         Upper:       Not determined         Very or statistic       Not determined         Very or statistic       Not determined         Very or statistic       Not determined         Very or statistic resolution the construction the determined.       Not determined.         Very or station temperature:       Not determined.         Viscosity:       determined.         Viscosity:       Not determined.	Change in condition		
Explosion limits:       Not determined         Lower:       Not determined         Upper:       Not determined         Density:       Not determined         Partition:       Not determined         Vapor density       Not determined         Partition:       Not determined.         Vapor density       Not determined.         Vapor density:       Not determined.         Partition:       Not determined.         Viscosity:       Not determined.         Viscosity:       Not determined.         Viscosity:       Not determined.         Warrentic:       Not determined.         Wiscosity:       Not determined.         Other information       No turther relevant information available.         Other information       No turther relevant information available.         Other information       No determined information available.         Thermal decomposition known.       Chemical stability of hazardous reactions Reacts with strong oxidizing agents         redecomposition products:       Conditions to avail Abu Unther relevant information available.         Incompatible materials:       Aur         Oxidizing agents       Heat         Heat       Hazardous decomposition products:         Covidizin without de	Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature:	Not determined Not determined Not determined Not determined Not determined	
Lower:       Not determined         Upper:       Not determined         Vapor pressure:       Not determined         Density:       Not determined         Pensity:       Not determined         Vapor density       Not determined         Solubility in / Miscibility with       Not determined.         Solubility in / Miscibility with       Not determined.         Water Science       Not determined.         Viscosity:       Not determined.         Water Science       Not determined.         Viscosity:       Not determined.         Mammatic:       Not determined.         Mammatic:       Not determined.         Viscosi	Danger of explosion:	Not determined.	
Vajor pressure:         Not determined           Density:         Not determined           Pensity:         Not determined.           Provide Structure         Not determined.           Solubility in / Miscibility with         Not determined.           Not determined.         Not determined.           Solubility in / Miscibility with         Not determined.           Wiscosity:         Not determined.           dynamic:         Not determined.           infer information         Not determined.           Other information         Not determined.           Thermal decomposition known.         Chemical stability and reactivity           Reactivity No information known.         Chemical stability of hazardous reactions to be avoided: Decomposition will not occur if used and stored according to specifications.           Possibility of hazardous reactions Reacts with storing oxidizing agents         Air           Air         Coidizing agents           Heat         Heat           Mark determined.         More determined.           Mirogen oxides         Checomposition products:           Air         Coidizing agents           Heat         Heat           Mark decomposition products:         Coidizing agents           Heat         Not determined.      <	Lower:		
Density:         Not determined.           Relative density         Not determined.           Vapor density         Not determined.           Vapor density         Not determined.           Subscription rate         Not determined.           Water         Not determined.           Water         Not determined.           Variantic:         Not determined.           Partition coefficient (n-octanol/water): Not determined.         Not determined.           Viscosity:         Not determined.           Water         Not determined.           Viscosity:         Not determined.           Viscosity:         Not determined.           Minematic:         Not determined.           Minematic:         Not determined.           Reactivity No information known.         Chemical stability Stability discource recommended storage conditions.           Thermal decomposition / conditions to be avoided. Decomposition will not occur if used and stored according to specifications.           Possibility of hazardous reactions Reacts with strong oxidiang agents           Conditions to avoid No further relevant information available.           Incompatible materials:           Acids           Alexit           Mittiggen oxides           11 Toxicological information			
Relative density       Not determined.         Vapor density       Not determined.         Evaporation rate       Not determined.         Solubility in / Miscible or difficult to mix       Not miscible or difficult to mix         Water:       Not determined.         Winter:       Not determined.         Other information       No further relevant information available.         10 Stability and reactivity       Reactivity No information known.         Chemical stability Stability of hazardous reactions Reacts with storing oxidiang agents         recomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications.         Pressibility and reactivity         Reactivity No information available.         Incompatible materials:         Air         Oxidizing agents         Heat         Hazardous decomposition products:         Carthon monoxide and carbon dioxide         Mitrogen oxides         11 Toxicological information         Information on toxicological effects         Acute toxicity: No effects known.         Germ			
Evaporation fate       Not determined.         Solubility in Miscibility with       Not miscible or difficult to mix         Partition coefficient (n-octanol/water): Not determined.         Viscosity:       Not determined.         Wiscosity:       Not determined.         Other information       Not determined.         Modelemmed.       No further relevant information available.         IO Stability and reactivity       Reactivity No information known.         Chemical stability Stable under recommended storage conditions.       Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications.         Possibility of hazardous reactions. Reacts with strong oxidiary agents       No further relevant information available.         Incompatible materials:       Air         Air       Air         Oxidizing agents       Heat         Heat       Hazardous decomposition products:         Carbon monoxide and carbon dioxide       Hydrogen fuende         Mitrogen oxides       Strong consiste effect on mouth and throat and to the danger of perforation of esophagus and stomach.         LD/L CSU	Relative density	Not determined.	
Solibility in / Miscibility with Water:       Not miscible or difficult to mix         Partition coefficient (n-octanol/water): Not determined.       Wiscosity: dynamic:       Not determined.         dynamic:       Not determined.       Not determined.         Other information       No turther relevant information available.       Other information         10 Stability and reactivity       Reactivity No information known.       Chemical stability Stable under recommended storage conditions.         Chemical stability on information / conditions to be avoided: Decomposition will not occur if used and stored according to specifications.         Possibility of hazardous reactions Reacts with strong oxidizing agents       Conditions to avoid No further relevant information available.         Incompatible materials:       Air       Air         Outdizing agents       Air         Hazardous decomposition products:       Carbon monoxide and carbon dioxide         Hydrogen fluoride       Nitrogen oxides         11 Toxicological information       Information on toxicological effects         Information or corrosion: Causes server skin burns.       Eye irritation or corrosion: Causes server skin burns.         Eye irritation or corrosion: Causes server skin burns.       Eye irritation or corrosion: Causes server skin burns.         Eye irritation or corrosion: Cause server skin burns.       Eye irritation or corosion: Causes server skin burns.			
Partition coefficient (n-octanol/water): Not determined.         Viscosity:       Not determined.         Apamic:       Not determined.         Other information       No further relevant information available. <b>10 Stability and reactivity</b> Reactivity No information known.         Chemical stability Stable under recommended storage conditions.         Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications.         Possibility of hazardous reactions Reads with storg oxidizing agents         Conditions to avoid No further relevant information available.         Incompatible materials:         Acids         Ar         Okidizing agents         Headous decomposition products:         Hadous decomposition products:         Hadous decomposition products:         Hardous desettion:         Mitrogen oxides <b>11 Toxicological information</b> Information on toxicological effects         Acute toxicity: Swallowing will lead to a strong corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.         LD/LC50 values that are relevant for classification: No data         Skin Irritation or corrosion: Causes series tho hum.         Eye irritation or desistilting effects known.         Garm degenici	Solubility in / Miscibility with		
kinematic:         Not determined.           Other information         No further relevant information available.           10 Stability and reactivity         Reactivity No information known.           Chemical stability Stable under recommended storage conditions.         Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications.           Possibility of hazardous reactions Reacts with strong oxidizing agents         Conditions to avoid No further relevant information available.           Incompatible materials:         Air         Oxidizing agents           Heat         Hazardous decomposition products:         Carbon monoxide and carbon dioxide           Hydrogen fluoride         Nitrogen oxides         Not date on mouth and throat and to the danger of perforation of esophagus and stomach.           11 Toxicological information         Information on toxicological effects         Acuto Stability of the stability of	Partition coefficient (n-octanol/water, Viscosity:	): Not determined.	
Other information         No further relevant information available.           10 Stability and reactivity         Reactivity No information known.           Chemical stability Stable under recommended storage conditions.         Thermal decomposition / conditions to be avoided. Decomposition will not occur if used and stored according to specifications.           Possibility of hazardous reactions Reacts with strong oxidizing agents         Conditions to avoid No further relevant information available.           Incompatible materials:         Acids           Acids         Acids           Heat         Heat           Heat         Heat           Hazardous decomposition products:         Carbon monoride and carbon dioxide           Hydrogen fluoride         Mirogen oxides           11 Toxicological information         Information on toxicological effects           Acute toxicity: Swallowing will lead to a strong corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.           LDL/CSO values that are relevant for classification: No data           Skin irritation or corrosion: Causes series eye damage.           Sensitization: No esistification data on carcinogenic properties 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 tox	dynamic: kinematic:		
Reactivity No information known.         Chemical stability Stable under recommended storage conditions.         Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications.         Possibility of hazardous reactions Reacts with strong oxidizing agents         Conditions to avoid No further relevant information available.         Incompatible materials:         Acids         Air         Oxidizing agents         Heat         Hazardous decomposition products:         Carbon monoxide and carbon dioxide         Hydrogen fluoride         Nitrogen oxides         11 Toxicological information         Information on toxicological effects         Acute toxicity: Swallowing will lead to a strong corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.         LD/LC50 values that are relevant for classification: No data         Skin irritation or corrosion: Causes servere skin burns.         Eye Irritation or corrosion: Causes servere skin burns.         Germ cell mutagenicity: No effects known.         Germ cell mutagenicity: No effects known.         Germ cell m			
Information on toxicological effects Acute toxicity: Swallowing will lead to a strong corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach. LD/LC50 values that are relevant for classification: No data Skin irritation or corrosion: Causes severe skin burns. Eye irritation or corrosion: Causes severe skin burns. Eye irritation or corrosion: Causes severe skin burns. Germ cell mutagenicity: No effects known. Carcinogenicity: No effects known. Carcinogenicity: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - single exposure: No effects known. Aspiration hazard: No effects known. Subacute to chronic toxicity: No effects known.	Possibility of hazardous reactions Re Conditions to avoid No further relevan Incompatible materials: Acids Air Oxidizing agents Heat Hazardous decomposition products: Carbon monoxide and carbon dioxide Hydrogen fluoride Nitrogen oxides	eacts with strong oxidizing agents nt information available.	
Reproductive toxicity: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - single exposure: No effects known. Aspiration hazard: No effects known. Subacute to chronic toxicity: No effects known.	Information on toxicological effects Acute toxicity: Swallowing will lead to LD/LC50 values that are relevant for Skin irritation or corrosion: Causes se Eye irritation or corrosion: Causes se Sensitization: No sensitizing effects kn Germ cell mutagenicity: No effects kn	classification: No data evere skin burns. erious eye damage. nown. oown.	
Specific target organ system toxicity - single exposure: No effects known. Aspiration hazard: No effects known. Subacute to chronic toxicity: No effects known.	Reproductive toxicity: No effects know	wn.	
Aspiration hazard: No effects known. Subacute to chronic toxicity: No effects known.			
Subacute to chronic toxicity: No effects known.		r - single exposure: No effects known.	
	Subacute to chronic toxicity: No effect	cts known. To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.	
12 Ecological information	12 Ecological information		
Toxicity Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. VPvB: Not applicable. Other adverse effects No further relevant information available.	Aquatic toxicity: No further relevant in Persistence and degradability No furt Bioaccumulative potential No further Mobility in soil No further relevant info Additional ecological information: General notes: Avoid transfer into the Results of PBT and vPvB assessmen PBT: Not applicable. vPvB: Not applicable.	ther relevant information available. relevant information available. rmation available. environment. <b>nt</b>	

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<b>ncleaned packagings:</b> ecommendation: Disposal must be made according to	o official regulations.
ransport information	
N-Number IOT, IMDG, IATA	UN2735
IN proper shipping name DOT IDR MDG, IATA	Amines, liquid, corrosive, n.o.s. (3-(Difluoromethoxy)benzylamine) 2735 Amines, liquid, corrosive, n.o.s. (3-(Difluoromethoxy)benzylamine) AMINES, LIQUID, CORROSIVE, N.O.S. (3-(Difluoromethoxy)benzylamine)
ransport hazard class(es)	
ΟΤ	
lass abel DR	8 Corrosive substances 8
Class abel WDG, IATA	8 (C7) Corrosive substances 8
Slass abel	8 Corrosive substances 8
acking group OT, ADR, IMDG, IATA	III
invironmental hazards:	Not applicable.
pecial precautions for user MS Number:	Warning: Corrosive substances F-A,S-B
egregation groups	Alkalis
towage Category egregation Code	A SG35 Stow "separated from" acids.
ransport in bulk according to Annex II of MARPOL7	
ransport/Additional information:	
OT uantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
larine Pollutant (DOT):	No
<i>IDG imited quantities (LQ) xcepted quantities (EQ)</i>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
N "Model Regulation":	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (3-(DIFLUOROMETHOXY) BENZYLAMINE), 8, III

GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms



Signal word Danger Hazard statements H314 Causes severe skin burns and eye damage. Precautionary statements P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P309 IF exposed or if you feel unwell: P310 Immediately call a POISON CENTER/doctor. National regulations

P310 Immediately call a POISON CENTER/doctor. National regulations This product is not listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted to research and development only. This product must be used by or directly under the supervision of a technically qualified individual as defined by TSCA. This product must not be used for commercial purposes or in formulations for commercial purposes. This product is not listed on the Canadian Domestic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL). SARA Section 313 (specific toxic chemical listings) Substance is not listed. California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is not listed. Prop 65 - Developmental toxicity Substance is not listed. (Contd. on page 5)

(Contd. on page 5)

(Contd. of page 4)

USA

Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Information about limitation of use: For use only by technically qualified individuals. 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 must be observed.

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.

#### Department issuing SDS: Global Marketing Department

Department issuing SDS: Global Marketing Department Date of preparation/Revision: Print date, revision date and version number are in the header of each page. Abreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstrats Service (division of the American Chemical Society) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative ACGIH: American Cherefrence of Governmental Industrial Hygienists (USA) MTP: National Safety and Health Administration (USA) MTP: National Safety and Health Administration (USA) MTP: National Sofery for Research on Cancer EPA: Environmental Protection Agency (USA) JARC: International Agency for Research on Cancer EPA: Environmental Agency for Research on Category 1C Eye Dam. 1: Serious eye damage/eye irritation – Category 1