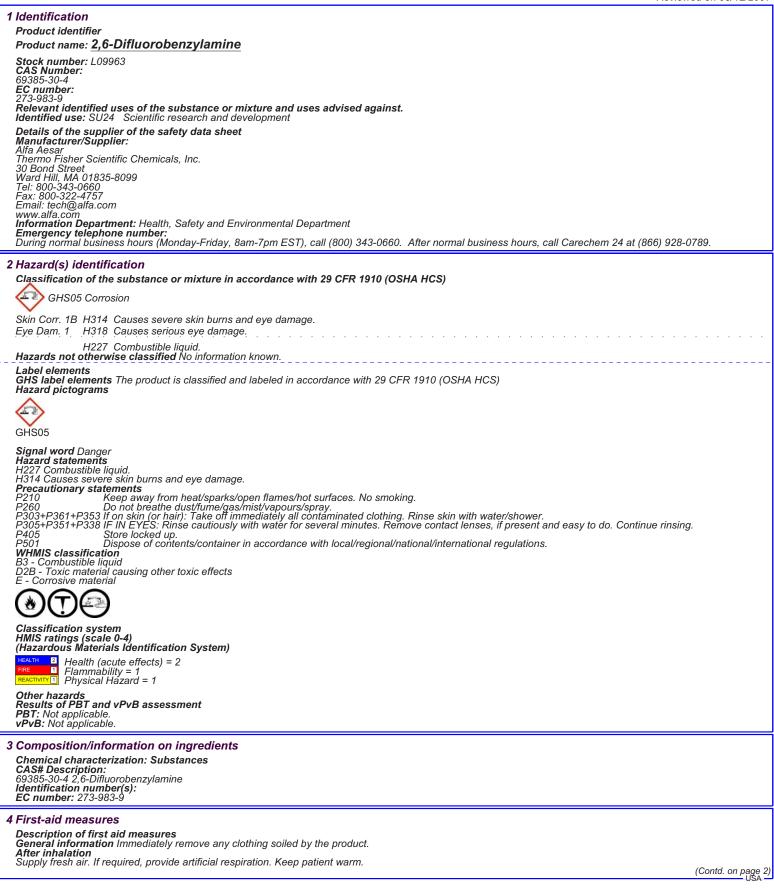


### Safety Data Sheet per OSHA HazCom 2012



# (Contd. of page 1) 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 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: Hydrogen fluoride (HF) Nitrogen oxides (NOx) Carbon monoxide and carbon dioxide 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 Ensure adequate ventulation Environmental precautions: Do not allow material to be released to the environment without proper governmental permits. 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:** Keep away from ignition sources. **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. 7 Handling and storage Handling Precautions for safe handling Keep container tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation at the workplace. Information about protection against explosions and fires: Keep ignition sources away. 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: No information known. Further information about storage conditions: Avoid contact with air/oxygen. 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: Not required. 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 eyes and skin. Maintain an erononmically appropriate working environment. Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present. Protection of hands: Impervious gloves The selection of suitable 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:** Tightly sealed goggles Full face protection Body protection: Protective work clothing. 9 Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Form: Liquid

(Contd. on page 3)

		(Contd. of page 2)
Color:	Colorless	
Odor: Odor threshold:	Not determined Not determined	
pH-value:	Not determined.	
Change in condition		
Melting point/Melting range:	Not determined	
Boiling point/Boiling range: Sublimation temperature / start:	Not determined	
Sublimation temperature / start:	Not determined	
Flash point:	66 °C (151 °F)	
Flammability (solid, gaseous)	Not determinéd.	
Ignition temperature:	Not determined	
Decomposition temperature:	Not determined	
Auto igniting:	Not determined.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not determined	
Upper:	Not determined	
Vapor pressure:	Not determined	
Density at 20 °C (68 °F):	1.197 g/cm³ (9.989 lbs/gal) Not determined.	
Relative density	Not determined. Not determined.	
Vapor density Evaporation rate	Not determined.	
Solubility in / Miscibility with	Not determined.	
Water:	Not determined	
Partition coefficient (n-octanol/water)		
Viscosity:		
dynamic:	Not determined.	
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 No dangerous reactions known Conditions to avoid No further relevant information available. Incompatible materials: Oxidizing agents Air No information known. Hazardous decomposition products: Hydrogen fluoride Nitrogen oxides Carbon monoxide and carbon dioxide 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 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 classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. Reproductive toxicity: No effects known. Specific tarret organ system toxicity - roported exposure: 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. Additional toxicological information: To the best of our knowledge 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 available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: General notes: Do not allow material to be released to the environment without proper governmental permits. Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. 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.

#### 13 Disposal considerations

Waste treatment methods

Recommendation Consult state, local or national regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.

USA (Contd. on page 4)

	(Contd. of page 3
Transport information	
UN-Number DOT, IMDG, IATA	UN2735
UN proper shipping name DOT	Amines liquid corrosive n.o.s. (2.6-Difluorohenzylamine)
IMDG, IATA	Amines, liquid, corrosive, n.o.s. (2,6-Difluorobenzylamine) AMINES, LIQUID, CORROSIVE, N.O.S. (2,6-Difluorobenzylamine)
Transport hazard class(es) DOT	
Class	8 Corrosive substances.
Label Class	8 8 (C7) Corrosive substances
Label IMDG, IATA	8
1 Alexandre	
▼	
Class Label	8 Corrosive substances.
	0
Packing group DOT, IMDG, IATA	III Natarakia
Environmental hazards: Special precautions for user	Not applicable. Warning: Corrosive substances
Segregation groups	Alkalis
Transport in bulk according to Annex II of MARPOL73/78 Transport/Additional information:	and the IBC Code Not applicable.
DOT	
Marine Pollutant (DOT):	No UN2735, Amines, liquid, corrosive, n.o.s. (2,6-Difluorobenzylamine), 8, III
UN "Model Regulation":	UN2735, Amines, liquid, corrosive, n.o.s. (2,o-Dinuorobenzylamine), 6, m
Regulatory information Safety, health and environmental regulations/legislation s GHS label elements The product is classified and labeled in Hazard pictograms GHS05	specific for the substance or mixture accordance with 29 CFR 1910 (OSHA HCS)
Safety, health and environmental regulations/legislation s GHS label elements The product is classified and labeled in Hazard pictograms CGHS05 Signal word Danger Hazard statements H227 Combustible liquid. H314 Causes severe skin burns and eye damage. Precautionary statements P210 Keep away from heat/sparks/open flames/ P260 Do not breathe dust/fume/gas/mist/vapour P303+P351+P338 IF IN EYES: Rinse cautiously with water for P405 Store locked up. P501 Dispose of contents/container in accordan National regulations This product is not listed in the U.S. Environmental Protection to research and development only. This product must be used product must not be used for commercial purposes or in form SARA Section 313 (specific toxic chemical listings) Subst California Proposition 65 Prop 65 - Developmental toxicity, female Substance is not Is normation about limitation of use: For use only by technic Other regulations, limitations and prohibitive regulations Substance of Very High Concern (SVHC) according to the The conditions of restrictions according to Article 67 and market and use must be observed. Substance is not listed.	accordance with 29 CFR 1910 (OSHA HCS) hot surfaces. No smoking. s/spray. I contaminated clothing. Rinse skin with water/shower. or several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. the with local/regional/national/international regulations. Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted d by or directly under the supervision of a technically qualified individual as defined by TSCA. This ulations for commercial purposes. fance is not listed. not listed. sted. sally qualified individuals. <b>a REACH Regulations (EC) No. 1907/2006.</b> Substance is not listed. <b>A REACH Regulations (EC) No. 1907/2006.</b> Substance is not listed.
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LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent vPvB: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienists (USA) OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)

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USA ·