

Safety Data Sheet per OSHA HazCom 2012



Product name: 4,5,6-Trifluoropyrimidine

(Contd. of page 1) Causes serious eve 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) Possibly Hydrogen cyanide (HCN) Advice for firefighers 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 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. Provide 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 Recautions for sale nanoling 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: Store away from oxidizing agents. Store away from strong bases. 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: 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 solied and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present. Protection 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. Penetration time of glove material (in minutes) Not determined 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: Color: Liquid Colorless Not determined Odor: Odor threshold: Not determined pH-value: Not determined.

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Product name: 4,5,6-Trifluoropyrimidine

Product name: 4,5,6-Trifluoropyrimic	dine	
		(Contd. of page 2)
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	Not determined 83-85 °C (181-185 °F) Not determined	
Flash point: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature: Auto igniting:	> 85 °C (> 185 °F) Not determined. Not determined Not determined Not determined.	
Danger of explosion: Explosion limits: Lower: Upper: Vapor pressure: Density: Relative density Vapor density Evaporation rate Solubility in / Miscibility with Water: Partition coefficient (n-octanol/water): Viscosity: dynamic: kinematic: Other information	Product does not present an explosion hazard. Not determined Not determined Not determined Not determined. Not determined.	
10 Stability and reactivity Reactivity No information known. Chemical stability Stable under recomm Thermal decomposition / conditions to Possibility of hazardous reactions No Conditions to avoid No further relevant Incompatible materials: Oxidizing agents Bases Hazardous decomposition products: Carbon monoxide and carbon dioxide Hydrogen fluoride Nitrogen oxides Possibly Hydrogen cyanide (HCN)	nended storage conditions. o be avoided: Decomposition will not occur if used and stored according to specifications. dangerous reactions known information available.	
Skin irritation or corrosion: Causes se Eye irritation or corrosion: Causes ser Sensitization: No sensitizing effects kno Germ cell mutagenicity: No effects kno Carcinogenicity: No classification data Reproductive toxicity: No effects know Specific target organ system toxicity Specific target organ system toxicity Aspiration hazard: No effects known. Subacute to chronic toxicity: No effect	rious eye damage. wm. on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. m. - repeated exposure: No effects known. - single exposure: No effects 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: Do not allow material to be released to the environment without proper governmental permits. Do not allow material to be released to the environment without proper governmental permits. Do not allow material to 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 o Uncleaned packagings: Recommendation: Disposal must be ma	or national regulations to ensure proper disposal. ade according to official regulations.	
14 Transport information		
UN-Number DOT, IMDG, IATA	UN1760	
UN proper shipping name DOT IMDG, IATA	Corrosive liquids, n.o.s. (4,5,6-Trifluoropyrimidine) CORROSIVE LIQUID, N.O.S. (4,5,6-Trifluoropyrimidine)	(Contd on page 4)

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8 Corrosive substances.
8 8 (C9) Corrosive substances 8
8
8 Corrosive substances. 8
III
Not applicable.
Warning: Corrosive substances e Not applicable.
3 NOL applicable.
No
UN1760, Corrosive liquids, n.o.s. (4,5,6-Trifluoropyrimidine), 8, III
re protection. thring. Rinse skin with water/shower. . Remove contact lenses, if present and easy to do. Continue rinsing. bstances Control Act Chemical Substance Inventory. Use of this product is restricted ter the supervision of a technically qualified individual as defined by TSCA. This ercial purposes. riduals. Fions (EC) No. 1907/2006. Substance is not listed. e Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the
bstance is not listed. arried out.
n gathered by them, and should make independent judgement of suitability of this s. This information is furnished without warranty, and any use of the product not in ther product or process, is the responsibility of the user. Regulations Concerning the International Transport of Dangerous Goods by Rail) concerning the International Carriage of Dangerous Goods by Road) USA