





## 2-Eh \_2\_nite ridi

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Product name: 2-Fluoro-3-nitropyridine	
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.	(Contd. of page 1)
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.	
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: 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 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: No information known. 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.	
<ul> <li>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 end 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.         Brecommended filter device for short term use:         Use a expirator when high concentrations are present.         Recommended filter device for short term use:         Use a expirator when high concentrations are present.         Recommended filter device for short term use:         Use a propriate. Only use equipment tested and approved under appropriate government standards.         Profection of hands:         Impervious gloves prior to each use for their proper condition.         The estimate of gloves material (in minutes) Not determined         Event time of gloves material (in minutes) Not determined         Event time of sloves 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         Event</li></ul>	ermine if air-
9 Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Form: Crystalline	
Color:       Yéllow         Odor:       Not determined         Odor threshold:       Not determined.         pH-value:       Not applicable.         Change in condition       Not applicable.	
Melting point/Melting range: Not determined	(Contd. on page 3)

## Product name: 2-Eluoro-2-nitronvriding

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oduct name: 2-Fluoro-3-nitropyric	dine	
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Boiling point/Boiling range:	Not determined	
Sublimation temperature / start: Flammability (solid, gaseous)	Not determined Not determined.	
lanition temperature:	Not determined. Not determined	
Decomposition temperature:	Not determined	
Auto igniting:	Not determined.	
Danger of explosion:	Not determined.	
Explosion limits: Lower:	Not determined	
Upper:	Not determined	
Vapor pressure:	Not applicable.	
Density:	Not determined	
Relative density Vapor density	Not determined. Not applicable.	
Evaporation rate	Not applicable.	
Solubility in / Miscibility with		
Water: Partition coefficient (n-octanol/water)	Not determined	
Viscosity:	j: Not determined.	
dynamic:	Not applicable.	
kinematic:	Not applicable.	
Other information	No further relevant information available.	
Stability and reactivity		
Stability and reactivity		
Reactivity No information known. Chemical stability Stable under recom.	nmandad starada conditions	
Thermal decomposition / conditions	nmended storage conditions. • <b>to be avoided:</b> Decomposition will not occur if used and stored according to specifications.	
Possibility of hazardous reactions Re	Reacts with strong oxidizing agents	
Conditions to avoid No further relevan Incompatible materials: Oxidizing age	nt information available.	
Hazardous decomposition products:	ints	
Carbon monoxide and carbon dioxide		
Hydrogen fluoride Nitrogen oxides		
Willogen oxides		
Toxicological information		
Information on toxicological effects		
Acute toxicity: Harmful if swallowed.		
LD/LC50 values that are relevant for o		
Skin irritation or corrosion: Causes sl	skin irritation.	
Eye irritation or corrosion: Causes se Sensitization: No sensitizing effects kn		
Germ cell mutagenicity: No effects know	nown.	
Carcinogenicity: No classification data	a on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.	
Reproductive toxicity: No effects know	wn.	
Specific target organ system toxicity	y - repeated exposure: No effects known. y - single exposure: May cause respiratory irritation.	
Aspiration hazard: No effects known.		
Subacute to chronic toxicity: No effect	cts known.	
Additional toxicological information.	: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.	
Ecological information		
Toxicity		
Aquatic toxicity: No further relevant in	nformation available	
Aquatic toxicity: No further relevant ini Persistence and degradability No furth Bioaccumulative potential No further i	ther relevant information available.	
Bioaccumulative potential No further	relevant information available.	
Mobility in soil No further relevant info Additional ecological information:	irmation available.	
General notes:		
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 assessmen		
<b>PBT:</b> Not applicable.	it	
vPvB: Not applicable.		
Other adverse effects No further releva	ant information available.	
Disposal considerations		
Waste treatment methods		
Recommendation Consult state, local	or national regulations to ensure proper disposal.	
Uncleaned packagings:		
Recommendation: Disposal must be m	nade according to official regulations.	
Transport information		
UN-Number		
DOT, ADN, IMDG, IATA	Not applicable	
UN proper shipping name DOT, ADN, IMDG, IATA		
DOT, ADN, IMDG, IATA Transport hazard class(es)	Not applicable	
• • • • •		
DOT, ADR, ADN, IMDG, IATA Class	Not applicable	
Packing group DOT, IMDG, IATA	Not applicable	
Environmental hazards:	Not applicable.	
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