



Reviewed on 11/16/2015
1 Identification
Product identifier
Product name: 6-Fluoro-2-methyl-3-nitropyridine
Stock number: H61877 CAS Number:
18605-16-8 Relevant identified uses of the substance or mixture and uses advised against.
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) 928-0789.
2 Hazard(s) identification
Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)
GHS07
Acute Tox. 4 H302 Harmful if swallowed. Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation. 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
\wedge
GHS07
Signal word Warning Hazard statements
H302 Harmful if swallowed. H315 Causes skin irritation.
H319 Causes serious eve irritation
H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P201 P201 P201 P201 P201 P201 P201 P201
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
WHMIS classification D2B - Toxic material causing other toxic effects
Æ
\bigcirc
Classification system
HMIS ratings (scale 0-4) (Hazardous Materials Identification System)
HEALTH 2 Health (acute effects) = 2
FRE 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:
18605-16-8 6-Fluoro-2-methyl-3-nitropyridine
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. (Contd. on page 2)

Product name: 6-Fluoro-2-methyl-3-nitropyridine

Fioduct name. 0-1 10010-2-Intellity1-3-	na opyname	
After swallowing Seek medical treatme Information for doctor Most important symptoms and effect Indication of any immediate medical a	ent. s, both acute and delayed No further relevant information available. attention and special treatment needed No further relevant information available.	(Contd. of page 1)
E Fire fighting measures		
5 Fire-fighting measures Extinguishing media Suitable extinguishing agents Carbon Special hazards arising from the sub- If this product is involved in a fire, the fo 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.	n dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. stance or mixture illowing can be released:	
6 Accidental release measures		
Personal precautions, protective equi Wear protective equipment. Keep unpro Ensure adequate ventilation Environmental precautions: Do not all Methods and material for containmen	otected persons away. The formation of any water course. Iow product to reach sewage system or any water course. In and cleaning up: d, diatomite, acid binders, universal binders, sawdust). Isste according to section 13. Is procession procession of the formation of the for	
7 Handling and storage		
Conditions for safe storage, including Storage Requirements to be met by storeroon	explosions and fires: No information known. g any incompatibilities ns and receptacles: No special requirements. nmon storage facility: Store away from oxidizing agents. nditions: red containers.	
8 Exposure controls/personal prote	ection	
Additional information about design	of technical systems:	
Control parameters Components with limit values that red	designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. quire monitoring at the workplace: ant quantities of materials with critical values that have to be monitored at the workplace.	
Exposure controls Personal protective equipment General protective and hygienic mea: The usual precautionary measures for h Keep away from foodstuffs, beverages a Remove all soiled and contaminated clo Wash hands before breaks and at the e Do not inhale dust / smoke / mist. Avoid contact with the eyes and skin. Maintain an eroonomically appropriate y	nandling chemicals should be followed. and feed. othing immediately. nd of work.	
Use a respirator with multi-purpose com determine if air-purifying respirators are CEN (EU). Protection of hands:	vorking environment. pirator when high concentrations are present. term use: ibination (US) or type ABEK (EN 14387) as a backup to engineering controls. Risk assessment should be p appropriate. Only use equipment tested and approved under appropriate government standards such as N	performed to IOSH (USA) or
Impervious gloves Check protective gloves prior to each us The selection of suitable gloves not only Eye protection: Safety glasses Body protection: Protective work cloth	/ depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.	
9 Physical and chemical properties		
Information on basic physical and ch General Information Appearance: Form:		
Odor:	Nót determined	
Odor threshold:	Not determined.	
pH-value:	Not determined.	(Contd. on page 3)
		(Contd. on page 3) USA

Product name: 6-Fluoro-2-methyl-3-nitronyridine

Page 3/4 Printing date 11/24/2015 Reviewed on 11/16/2015

Product name: 6-Fluoro-2-methyl-3-i	nitropyridine	
		(Contd. of page 2)
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	
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	Not determined. Not determined.	
Other Mormation	No further relevant information available.	
10 Stability and reactivity Reactivity No information known. Chemical stability Stable under recomm Thermal decomposition / conditions to Possibility of hazardous reactions Rea Conditions to avoid No further relevant Incompatible materials: Oxidizing agen Hazardous decomposition products: Carbon monoxide and carbon dioxide Hydrogen fluoride Nitrogen oxides	o be avoided: Decomposition will not occur if used and stored according to specifications. acts with strong oxidizing agents t information available.	
Reproductive foxicity: No effects know Specific target organ system toxicity Specific target organ system toxicity Aspiration hazard: No effects known. Subacute to chronic toxicity: No effect	in irritation. rious eye irritation. own. on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. <i>n.</i> - repeated exposure: No effects known. - single exposure: May cause respiratory irritation.	
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. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: 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 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.		
14 Transport information		
UN-Number DOT, ADN, IMDG, IATA	Not applicable	
UN proper shipping name DOT, ADN, IMDG, IATA	Not applicable	
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	Not applicable	
Packing group DOT, IMDG, IATA	Not applicable	
,		(Contd. on page 4)

(Contd. on page 4)

	Reviewed on 11/16/2015
Product name: 6-Fluoro-2-methyl-3-nitropyridine	
	(Contd. of page 3)
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the	i e IBC Code Not applicable.
Transport/Additional information:	,
DOT Marine Pollutant (DOT):	N/2
Marine Pollutant (DOT): UN "Model Regulation":	No
15 Regulatory information	
Safety, health and environmental regulations/legislation specific GHS label elements The product is classified and labeled in accorda Hazard pictograms	<i>; for the substance or mixture</i> lance with 29 CFR 1910 (OSHA HCS)
GHS07	
Signal word Warning	
Hăzard statements H302 Harmful if swallowed.	
H315 Causes skin irritation.	
H319 Causes serious eye irritation. H335 May cause respiratory irritation.	
H335 May cause respiratory irritation. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vanours/spray	
P261 Avoid breathing dust/fume/gas/mist/vapours/spray P280 Wear protective gloves/protective clothing/eye pro	rotection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for seven P304+P340 IF INHALED: Remove person to fresh air and kee	eral minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.	
P501 Dispose of contents/container in accordance with National regulations	
This product is not listed in the U.S. Environmental Protection Agency to research and development only. This product must be used by or of product must not be used for commercial purposes or in formulations This product is not listed on the Canadian Domestic Substances List	cy Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted directly under the supervision of a technically qualified individual as defined by TSCA. This is for commercial purposes. t (DSL) or the Canadian Non-Domestic Substances List (NDSL). s not listed.
SARA Section 313 (specific toxic chemical listings) Substance is California Proposition 65	
Prop 65 - Chemicals known to cause cancer Substance is not liste Prop 65 - Developmental toxicity Substance is not listed	ied.
Prop 65 - Developmental toxicity, female Substance is not listed.	
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 qua	ualified individuals
Other regulations, limitations and prohibitive regulations	
market and use must be observed.	CH Regulations (EC) No. 1907/2006. Substance is not listed. x XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the
Substance is not listed. Annex XIV of the REACH Regulations (requiring Authorisation for	ior use) Substance is not listed.
Annex XIV of the REACH Regulations (requiring Authorisation fo 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 to ensure proper use and protect the health and safety of conformance with this Material Safety Data Sheet, or in combination	r information gathered by them, and should make independent judgement of suitability of this of employees. This information is furnished without warranty, and any use of the product not in with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / - Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (Europee	ean Agreement concerning the International Carriage of Dangerous Goods by Road)
ADR: Accord européen sur le transport des marchandises dangereuses par Route (Europee DOT: US Department of Transportation CAS: Chemical Abstracts Service (division of the American Chemical Society) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) UCE0: Urbal concentration 50 pagenation	
ACGIH: American Conference of Governmental Industrial Hygienists (USA) OSHA: Occumational Safety and Health Administration (USA)	
LCSU: Letinal concentration, 50 percent LDSD: Letinal cosc, 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)	

USHA: Occupational Safety and Health Administratic NTP: National Toxicology Program (USA) IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)

USA -