



h h	eviewed on 04/22/2010
1 Identification	
Product identifier	
Product name: 2-Acetylpyridine	
Stock number: L02444 CAS Number: 1122-62-9	
EC number:	
214-355-6 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:	
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	
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	
Skin Irrit. 2 H315 Causes skin irritation.	
Eye Irrit. 2A H319 Causes serious eye irritation.	
H227 Combustible liquid. 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 H227 Combustible liquid. H315 Causes skin irritation. H319 Causes serious eye irritation. Precautionary statements P280 Wear protective gloves. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue r WHMIS classification B3 - Combustible liquid D2B - Toxic material causing other toxic effects	insing.
Classification system	
HMIS ratings (scale 0-4) (Hazardous Materials Identification System)	
HEALTH I Health (acute effects) = 1	
FIRE 2 REACTIVITY II 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:	
1122-62-9 2-Acetylpyridine	
Identification number(s): EC number: 214-355-6	
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
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	cont. s, both acute and delayed No further relevant information available. attention and special treatment needed No further relevant information available.	td. of page 1)
5 Fire-fighting measures Extinguishing media Suitable extinguishing agents Carbon Special hazards arising from the subs If this product is involved in a fire, the for Carbon monoxide and carbon dioxide Nitrogen oxides (NOx) Possibly Hydrogen cyanide (HCN) Advice for firefighters Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.	dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. stance or mixture llowing 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 Prevention of secondary hazards: Kee Reference to other sections See Section 7 for information on safe ha See Section 8 for information on person See Section 13 for disposal information.	tected persons away. Iow material to be released to the environment without proper governmental permits. t and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust ep away from ignition sources. andling al protection equipment.).
Conditions for safe storage, including Storage Requirements to be met by storeroon	explosions and fires: Keep ignition sources away. g any incompatibilities ns and receptacles: No special requirements. mon storage facility: Store away from oxidizing agents. nditions: ed containers.	
8 Exposure controls/personal prote Additional information about design of	ection	
Addítional information: No data	quire monitoring at the workplace: Not required.	
Protection of hands: Impervious gloves Check protective gloves prior to each us	andling chemicals should be followed. and feed. thing immediately. nd of work. vorking environment. pirator when high concentrations are present. pirator when high concentrations are present. e for their proper condition. y depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. minutes) Not determined	
9 Physical and chemical properties	;	
Information on basic physical and ch General Information Appearance: Form: Color: Odor:	emical properties Liquid Colorless Unpleasant	
Odor threshold:	No't determined.	
pH-value: Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	Not determined. 8-10 °C (46-50 °F) 189-190 °C (372-374 °F) Not determined	
Flash point: Flammability (solid, gaseous) Ignition temperature:	76 °C (169 °F) Not determined. Not determined	td. on page 3)
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		(Contd. of page 2,
Decomposition temperature:	Not determined	(conta: or page 2
Auto igniting: Danger of explosion:	Not determined. Product does not present an explosion hazard.	
Explosion limits: Lower:		
Upper:	Not determined Not determined	
Vapor pressure at 20 °C (68 °F): Density at 20 °C (68 °F):	0.2 hPa 1.082 g/cm³ (9.029 lbs/gal)	
Relative density Vapor density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with _ Water at 20 °C (68 °F):	170 g/l	
Partition coefficient (n-octanol/wate Viscosity:		
dynamic: kinematic:	Not determined. Not determined.	
Other information	No further relevant information available.	
10 Stability and reactivity		
Reactivity No information known.		
	s to be avoided: Decomposition will not occur if used and stored according to specifications.	
Possibility of hazardous reactions N Conditions to avoid No further releva	ant information available	
Incompatible materials: Oxidizing ag Hazardous decomposition products	ents	
Carbon monoxide and carbon dioxide Nitrogen oxides		
Possibly Hydrogen cyanide (HCN)		
11 Toxicological information		
Information on toxicological effects		
Acute toxicity: No effects known. LD/LC50 values that are relevant for		
Skin irritation or corrosion: Causes Eye irritation or corrosion: Causes s	serious eve irritation.	
Sensitization: No sensitizing effects k	nown.	
Germ cell mutagenicity: No effects k Carcinogenicity: No classification dat	ta on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.	
Reproductive toxicity: No effects kno Specific target organ system toxicit	v - repeated exposure: No effects known	
Specific target organ system toxicit Aspiration hazard: No effects known.	v - single exposure: No effects known.	
Other information (about experimen Subacute to chronic toxicity: No effe	Ital toxicology): Mutagenic effects have been observed on tests with laboratory animals.	
	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 in Persistence and degradability No fundation fundation for the second seco	rther relevant information available.	
Bioaccumulative potential No further Mobility in soil No further relevant info	r relevant information available.	
Additional ecological information:		
General notes: Do not allow material to be released to	o the environment without proper governmental permits. e quantities to reach ground water, water course or sewage system.	
Avoid transfer into the environment		
Results of PBT and vPvB assessme PBT: Not applicable.	nt	
vPvB: Not applicable. Other adverse effects No further rele	vant information available.	
13 Disposal considerations		
Waste treatment methods		
Recommendation Consult state, local Uncleaned packagings:	l or national regulations to ensure proper disposal.	
Recommendation: Disposal must be	made according to official regulations.	
14 Transport information		
Not a hazardous material for transporta	ation.	
DOT, ÎMDĞ, IATA	None	
UN proper shipping name DOT, IMDG, IATA	None	
Transport hazard class(es)		
DOT, ADR, IMDG, IATA Class	None	
Packing group		
DOT, IMĎG, IATA Environmental hazards:	None Not applicable.	
Special precautions for user	Not applicable.	
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