

Safety Data Sheet per OSHA HazCom 2012

	Reviewed on 04/16/2008
1	Identification
	Product identifier
	Product name: <u>4-(Aminomethyl)benzonitrile hydrochloride</u> Stock number: H27473
	CAS Number: 1/2/4/3 15996-76-6
	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:
	Alfa Aesar Thermo Fisher Scientific Chemicals, Inc.
	30 Bond Street Ward Hill, MA 01835-8099
	1el: 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)
	GHS06 Skull and crossbones
	Acute Tox. 3 H301 Toxic if swallowed.
	GHS07
	Skin Irrit. 2 H315 Causes skin irritation.
	Eye Irrit. 2A H319 Causes serious eye irritation. STOT SE 3 H335 May cause respiratory 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
	GHS06
	Signal word Danger
	Hazard statements H301 Toxic if swallowed.
	H315 Causes skin irritation. H319 Causes serious eye irritation.
	H335 May cause respiratory irritation. Precautionary statements
	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor/
	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor/ P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
	WHMIS classification D1B - Toxic material causing immediate and serious toxic effects
	D2B - Toxic material causing other toxic effects
	Classification system
	HMIS ratings (scale 0-4) (Hazardous Materials Identification System)
	HEALTH 2 Health (acute effects) = 2 FIRE 1 Flammability = 1 REACTIVITY 1 Physical Hazard = 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: 15996-76-6 4-(Aminomethyl)benzonitrile hydrochloride
4	First-aid measures
	Description of first aid measures After inhalation
	Supply fresh air. If required, provide artificial respiration. Keep patient warm. (Contd. on page 2)

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Information on basic physical and chemical properties General Information Appearance: Form: Powder Color: White Odor: Not determined Odor threshold: Not determined. pH-value: Not applicable.	Body protection: Protective work cloth	ing.	
General Information Formation Appearance: Form: Form: Powder Color: White Odor: Not determined Odor threshold: Not determined. pH-value: Not applicable.			
Form: Powder Color: White Odor: Not determined Odor threshold: Not determined. pH-value: Not applicable.	General Information		
Color: White Odor: Not determined Odor threshold: Not determined. pH-value: Not applicable.	Appearance: Form:	Powder	
Odor threshold: Not determined. pH-value: Not applicable.	Color:	White	
(Conta. on page 3) USA	pH-value:	Not applicable.	(Contd on page 2)
			USA

Product name: 4-(Aminomethyl)benzonitrile hydrochloride

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Product name: 4-(Aminomethyl)benz	zonitrile hydrochloride
	(Contd. of page
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	274-279 °C (525-534 °F) Not determined Not determined
Flash point: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature:	Not applicable Not determined Not determined Not determined
Auto igniting: Danger of explosion: Explosion limits:	Not determined. Product does not present an explosion hazard.
Lower: Upper: Vapor pressure:	Not determined Not determined Not applicable.
Relative density Vapor density	Not applicable. Not determined Not determined. Not applicable.
Evaporation rate Solubility in / Miscibility with Water:	Not applicable. Not determined
Partition coefficient (n-octanol/water): Viscosity: dynamic:	Not applicable.
kinematic: Other information	Not applicable. No further relevant information available.
10 Stability and reactivity Reactivity No information known.	
Chemical stability Stable under recomn Thermal decomposition / conditions to Possibility of hazardous reactions No Conditions to avoid No further relevant Incompatible materials: Oxidizing agen Hazardous decomposition products: Carbon monoxide and carbon dioxide Nitrogen oxides Hydrogen chloride (HCI) Hydrogen cyanide	nended storage conditions. o be avoided: Decomposition will not occur if used and stored according to specifications. dangerous reactions known information available. hts
Reproductive foxicity: No effects known Specific target organ system toxicity - Specific target organ system toxicity - Aspiration hazard: No effects known. Subacute to chronic toxicity: No effect Subacute to chronic toxicity: Nitriles may resemble cyanides in toxicity respiration, nausea, vomiting, weakness,	in irritation. rious eye irritation. own. on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. n. - repeated exposure: No effects known. - single exposure: May cause respiratory irritation.
Do not allow undiluted product or large q Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.	ner relevant information available. elevant information available. mation available. he environment without proper governmental permits. quantities to reach ground water, water course or sewage system. t
Other adverse effects No further relevant 13 Disposal considerations	nt information available.
Waste treatment methods	or national regulations to ensure proper disposal. ade according to official regulations.
14 Transport information Not a hazardous material for transportation	ion.
UN-Number DOT, IMDG, IATA	None (Contrd on page
	(Contd. on pac

Product name: 4-(Aminomethyl)benzonitrile hydrochloride

		(Contd. of page 3)		
UN proper shipping name DOT, IMDG, IATA	None			
Transport hazard class(es)				
DOT, ADR, IMDG, IATA Class	None			
Packing group DOT, IMDG, IATA	None			
Environmental hazards:	Not applicable.			
Special precautions for user	Not applicable.			
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.				
Transport/Additional information:	Not dangerous according to the above specifications.			
DOT Marine Pollutant (DOT):	No			

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms



GH366
Signal word Danger
Haard statements
H301 Took is swellowed.
H315 Causes skin intation.
H316 Causes skin intation.
H316 Causes skin intation.
H317 Causes skin intation.
H318 Causes skin intation.
H318 Causes skin intation.
H318 Causes skin intation.
H319 Causes skin intation.
H320 Causes skin intation only as a supplement to other information (EC) No. 19072006.
H320 Causes skin intation.
H320 Causes skin intation.
H320 Causes skin information o