

Safety Data Sheet per OSHA HazCom 2012



(Contd. on page 2)

USA

4 First-aid measures

(Contd. of page 1)

Product name: 3-Chloro-4-methoxybenzylamine hydrochloride

General Information Free Provide Information	Description of first aid measures
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After skin contact method soph and rinse thoroughly. Sher i more intervention of soph and soph and insection of mining water. Then consult a doctor. method soph and soph	In case of irregular breathing or respiratory arrest provide artificial respiration. After inhalation
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After eye contact forms operand use for several minutes under numbing water. Them consult a doctor: Marine minor Produce Marine minor Produce Marine minor Produce Marine minor Produce Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine 5 Fire-flipting measures Extinguishing agents Carbon doctde, extinguishing powder or water sprey. Fight larger fires with water sprey or alcohol resistant foam. 6 Jire-flipting measures Extinguishing agents Carbon doctde, extinguishing powder or water sprey. Fight larger fires with water sprey or alcohol resistant foam. 7 The product is norowly at a large the following can be released: Carbon monority and the following can be released: Carbon monority and Holp product in closes measures 8 Carbon Hole (FCC) 8 Acceleant Holess measures 9 Front Jose Carbon Holess (FCC) 9 Front Jose Carbon Holess (FCC) 9 Front Jose Carbon Holess measures 9 Front Jose Carbon Holess measures 1 1 1 1 1 1 1 1 1 1	After skin contact Immediately wash with water and soap and rinse thoroughly.
Information for doctors in the doctors in the doctor is the doctor is the doctor is the bole and expected treatment needed No further release information available. First-fighting measures Extinguishing media Extinguishing Extingui	After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor.
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	Wear self-contained respirator.
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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 soiled 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 Body protection: Protective work clothing.	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.
General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled 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 Body protection: Protective work clothing. USA	Personal protective equipment
Remove all soiled 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 Body protection: Protective work clothing.	General protective and hygienic measures
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 Body protection: Protective work clothing.	Keep away trom foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately.
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 Body protection: Protective work clothing.	wasn nands before breaks and at the end of work. Avoid contact with the eyes and skin. Maintain on correspondity concerning working environment.
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 Body protection: Protective work clothing.	maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present. Protection of hands:
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- 05A	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
- 05A	Eye protection: Tightly sealed goggles Body protection: Protective work clothing.
	034-

Product name: 3-Chloro-4-methoxybenzylamine hydrochloride

		(Contd. of page 2)	
9 Physical and chemical properties			
Information on basic physical and ch General Information Appearance:			
Form: Odor:	Solid Not determined		
Odor threshold:	Not determined.		
pH-value:	Not applicable.		
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature: Auto igniting:	250-255 °C (482-491 °F) 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 Not applicable. Not determined. Not determined. Not applicable. Not determined Not determined. Not determined. Not determined. Not determined. Not determined. Not determined. Not determined. Not determined. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.		
Reactivity No information known. Chemical stability Stable under recommended storage conditions. Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications. Possibility of hazardous reactions Reacts with strong oxidizing agents Conditions to avoid No further relevant information available. Incompatible materials: Oxidizing agents Hazardous decomposition products: Carbon monoxide and carbon dioxide Nitrogen oxides Hydrogen chloride (HCI)			
 11 Toxicological information Information on toxicological effects Acute toxicity: Toxic if swallowed. LD/LC50 values that are relevant for classification: No data Skin irritation or corrosion: Causes skin irritation. Eye irritation or corrosion: Causes serious eye damage. Sensitization: No sensitizing effects known. Germ cell mutagenicity: No effects known. Carcinogenicity: No effects known. Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - single exposure: May cause respiratory irritation. Aspiration hazard: No effects known. Subacute to chronic toxicity: 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 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 c Uncleaned packagings:	or national regulations to ensure proper disposal.		

Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number DOT, IMDG, IATA

UN2811

(Contd. on page 4)

Safety Data Sheet per OSHA HazCom 2012

Product name: 3-Chloro-4-methoxybenzylamine hydrochloride

	(Contd. of page 3)		
UN proper shipping name DOT	Toxic solids, organic, n.o.s. (3-Chloro-4-methoxybenzylamine hydrochloride)		
ĪMDG, IATA	TOXIC SOLID, ORGANIC, N.O.S. (3-Chloro-4-methoxybenzylamine hydrochloride)		
Transport hazard class(es) DOT			
Class	6.1 Toxic substances.		
Label Class	6.1 6.1 (T2) Toxic substances		
Label IMDG, IATA	6.1		
Class Label	6.1 Toxic substances. 6.1		
Packing group DOT, IMDG, IATA	III		
Environmental hazards:	Not applicable.		
Special precautions for user EMS Number:	Warning: Toxic substances F-A.S-A		
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Co			
Transport/Additional information:			
DOT Marine Pollutant (DOT):	No		
UN "Model Regulation":	UN2811, Toxic solids, organic, n.o.s. (3-Chloro-4-methoxybenzylamine hydrochloride), 6.1, Ill		
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			
GHS05 GHS06			
Signal word Danger Hazard statements H301 Toxic if swallowed. H315 Causes skin irritation. H315 Causes serious eye damage. H318 Causes serious eye damage. 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: Immédiately call a POĬSÓN CENTER/ doctór/ 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.			
National regulations This product is not listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted to research and development only. This product must be used by or directly under the supervision of a technically qualified individual as defined by TSCA. This product must not be used for commercial purposes or in formulations for commercial purposes. This product is not listed on the Canadian Domestic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL). SARA Section 313 (specific toxic chemical listings) Substance is not listed. California Proposition 65 Prop 65 - Chemicals known to cause cancer Substance is not listed.			
Prop 65 - Developmental toxicity 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 qualified individuals.			
Other regulations, limitations and prohibitive regulations Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No. 1907/2006. Substance is not listed. The conditions of restrictions according to Article 67 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the market and use must be observed. Substance is not listed.			
Annex XIV of the REACH Regulations (requiring Authorisation for use) S Chemical safety assessment: A Chemical Safety Assessment has not been	ubstance is not listed. carried out.		
16 Other information			
Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination 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 (European Agreement concerning the International Carriage of Dangerous Goods by Road)			
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International fair Transport Association			
INDC: Instantian and the Book of Dangerous Socials DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) HMIS: Hazardous Materials Identification System (USA)			
WHMIS: Workplace Hazardous Materials Information System (Canada)	(Contd. on page 5) USA		

Product name: 3-Chloro-4-methoxybenzylamine hydrochloride

- L C50: Lethal concentration, 50 percent LD50: Lethal dose, 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)

(Contd. of page 4)

USA