



Reviewed on 02/14/2006
1 Identification
Product identifier Product name: 2-Bromobenzylamine hydrochloride
Stock number: L14222
CAS Number: 5465-63-4
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 The Armonian Alfa Aesar The Armonian Alfa Aesar Angel Angel Angel Angel Angel Angel Angel Angel Ange 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
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
GHS07
Signal word Warning Hazard statements
H315 Causes skin irritation. H319 Causes serious eye irritation.
H335 May cause respiratory irritation. Precautionary statements POSC
P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P304+P330 IF IN ETES. Rimove person to fresh air and keep comfortable for breathing. 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
(\mathbf{T})
Classification system
HMIS ratings (scale 0-4) (Hazardous Materials Identification System)
HEALTH I Health (acute effects) = 1
Fire I 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: 5465-63-4 2-Bromobenzylamine hydrochloride
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. After swallowing Seek medical treatment.
(Contd. on page 2) USA

Product name: 2-Bromobenzylamine hydrochloride (Contd. of page 1) 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. 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 Nitrogen oxides (NOx) Hydrogen bromide (HBr) Hydrogen chloride (HCl) 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 material to be released to the environment without proper governmental permits. Methods and material for containment and cleaning up: 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 8 for information on personal protection equipment. 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. Store away from water/moisture. Further information about storage conditions: This product is hygroscopic. Store under dry inert gas. Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. Protect from humidity and water. Specific end use(s) No further relevant information available. 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: Not required. Additional information: No data Exposure controls Personal protective equipment The usual 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 The selection of suitable 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. Eye protection: Safety glasses Body protection: Protective work clothing. 9 Physical and chemical properties Information on basic physical and chemical properties General Information Appearance: Form: Powder Color: White Not determined Odor: Odor threshold: Not determined pH-value: Not applicable. Change in condition 227-230 °C (441-446 °F) Melting point/Melting range: Boiling point/Boiling range: Not determined (Contd. on page 3)

2-B h vlamino hydrochlorida

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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. Do not allow material to be released to the environment without proper governmental permits. Do not allow material to be released to the environment water, water course or sewage system. Avoid transfer into the environment. Results of PBT and vPVB assessment PBT: Not applicable. VFVB: 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.	Product name: 2-Bromobenzylamine	Product name: 2-Bromobenzylamine hydrochloride			
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Lower: Metabolic Section 2015 S	Danger of explosion: Explosion limits:	Product does not present an explosion hazard.			
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Other Information No further relevant information available. 10 Stability and reactivity Reactivity No. Information known. Chemical stability Stabile under recommended storage conditions. Possibility of information known. Conditions to avoid No further relevant information available. Incompatible meterals: Materations decomposition products: WaterMolailure WaterMolailure Materations decomposition products: WaterMolailure WaterMolailure WaterMolailure WaterMolailure WaterMolailure Incompatible and earborn discole Hydrogen condes Hydrogen condes Hydrogen condes Hydrogen condes Reartivity No effects known. Gern cell murgenrice: No effects known. Gern cell murgenrice: No effects known. Gern cell murgenrice: No effects known. Specific targed organ system toxicity - repeated exposure: No effects known. Specific targed organ system toxicity - repeated exposure: No effects known. Zecological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.	dynamic:				
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	UN proper shipping name DOT, IMDG, IATA None				
			(Contd. on page 4)		

roduct name: 2-Bromobenzylamine hydrochloride	
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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	
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 GHS label elements The product is classified and labeled in accorda Hazard pictograms	for the substance or mixture ince with 29 CFR 1910 (OSHA HCS)
\wedge	
GHS07	
Signal word Warning	
Hazard statements 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 pro	r. tection/face protection. al minutes. Remove contact lenses, if present and easy to do. Continue rinsing. o comfortable for breathing.
P303+P301+P350 IF IN ETES. Kinse caulously will water for several P304+P340 IF INHALED: Remove person to fresh air and keep	o comfortable for breathing.
P405 Store locked up.	
P501 Dispose of contents/container in accordance with I National regulations	local/regional/national/international 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 restric
to research and development only. This product must be used by or d	lirectly under the supervision of a technically qualified individual as defined by TSCA. This
product must not be used for commercial purposes or in formulations SARA Section 313 (specific toxic chemical listings) Substance is i	not listed.
California Proposition 65	
Prop 65 - Chemicals known to cause cancer Substance is not lister	d.
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 qua Other regulations, limitations and prohibitive regulations	lified individuals.
Substance of Very High Concern (SVHC) according to the REACI	H Regulations (EC) No. 1907/2006. Substance is not listed. XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on t
The conditions of restrictions according to Article 67 and Annex	XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on t
market and use must be observed. Substance is not listed.	
Annex XIV of the REACH Regulations (requiring Authorisation fo	r use) Substance is not listed.
Annex XIV of the REACH Regulations (requiring Authorisation fo Chemical safety assessment: A Chemical Safety Assessment has r	r use) Substance is not listed. 10t been carried out.
6 Other information	
6 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
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 employees. This information is furnished without warranty, and any use of the product not i
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 v Department issuing SDS: Global Marketing Department	information gathered by them, and should make independent judgement of suitability of this employees. This information is furnished without warranty, and any use of the product not i
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 v Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/23/2015 / -	information gathered by them, and should make independent judgement of suitability of this employees. This information is furnished without warranty, and any use of the product not i
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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 v Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/23/2015 / - Abbreviations and acronyms: IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation (ATA: International Air Transportation)	information gathered by them, and should make independent judgement of suitability of this employees. This information is furnished without warranty, and any use of the product not i
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 v Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/23/2015 / - Abbreviations and acronyms: IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation (ATA: International Air Transportation)	information gathered by them, and should make independent judgement of suitability of this employees. This information is furnished without warranty, and any use of the product not i
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