



Product name: 1-Benzyl-4-Boc-piperazine

Information for doctor Information methods and methods and special behaviors and delayed be further relywant information evaluable. Information and special behaviors and specia	Product name: 1-Benzy1-4-Boc-piper		
Extinguishing media Suttable extinguishing aper Scalar clock extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Suttable extinguishing aper Scalar clock and scalar be released: Water products in morked in a fire, the following can be released: Water products in morked in a fire, the following can be released: Water products in morked in a fire, the following can be released: Water products in morked in a fire, the following can be released: Water products in morked in the following can be released: Water products in the second of the second in the second of the environment without proper governmental permits. Market products in the second in the second of the released in the onvironment without proper governmental permits. Market products in the second in the second in the second of the environment without proper governmental permits. Market products in the second interest in the conditional measures in equiperion. Products exting products in the second interest in the released in the second interest in the second interest in the condition interest in the conditional measures in equiperion. Products exting products in the second interest in the released interest interest in the second interest in the condition of the environment without proper governmental permits. Market permitter in the second interest in the condition equipment. Be second if for disposed information. Frequencies for safe strange in the second interest in the information known. Be second in the second in the second interest in	Most important symptoms and effects	, both acute and delayed No further relevant information available. ttention and special treatment needed No further relevant information available.	(Contd. of page 1)
Presental precautions, protective equipment, and emergency procedures Wear productions Wear productions Environmental precautions, Environmental precautions, Environmental precautions, Environmental precautions, productions Second precautions, environmental precautions, environmentenvironmental precautions, environmental precaution	Extinguishing media Suitable extinguishing agents Carbon Special hazards arising from the subs If this product is involved in a fire, the foll Carbon monoxide and carbon dioxide Nitrogen oxides (NOx) Hydrogen cyanide (HCN) Advice for firefighters Protective equipment: Wear self-contained respirator.	tance or mixture	
Handling Precautions for safe handling Keep container (ght) sealed Strawn cook of while on a the workplace Information about protection against explosions and fires: No information known. Conditions for safe storage, including any incompatibilities Storage Report of the storage conditions: Keep container (ght) sealed Storage Storage in the storage conditions: Further information about storage conditions: Keep container (ght) sealed Storage in one common storage facility: Store away from oxidizing agents. Further information about storage conditions: Keep container (ght) sealed Storage in the storage conditions: Further information about storage conditions: Specific and test() No turner elevant information available. # Exposure controls/personal protection Additional information about assign of technical systems: Properly operating chemical turne hood designed for hozardous 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 and information: No data Exposure controls fermeral protective and Hyperic measures The usual precautionary measures for handling chemicals should be followed. Keep away from flootstifts, betwarages and led. Information: No table before breaks and at the end of work. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Wash hands before breaks and at the end of work. Wash hands before treaks and at the end of work. Wash hands before treaks and at the end of work. Wash hands before treaks and at the end of work. Wash hands before tre	Personal precautions, protective equip Wear protective equipment. Keep unprot Ensure adequate ventilation Environmental precautions: Do not allo Methods and material for containment Prevention of secondary hazards: No Reference to other sections See Section 7 for information on safe hal See Section 8 for information on persona	tected persons away. The environment without proper governmental permits. t and cleaning up: Ensure adequate ventilation. special measures required.	
Additional information about design of technical systems: Properly operating chemical lume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. Components with limit values that require monitoring at the workplace: Not required. Additional information: No data Personal protective and hygienic measures General protective and hygienic measures General protective and hygienic measures The usual productions of the infinit of the model of the infinit of the infini of the infinit of the infinit of the infinit	Handling Precautions for safe handling Keep container tightly sealed. Store in cool, dry place in tightly closed of Ensure good ventilation at the workplace Information about protection against e Conditions for safe storage, including Storage Requirements to be met by storeroom Information about storage in one com Further information about storage con Keep container tightly sealed.	explosions and fires: No information known. any incompatibilities as and receptacles: No special requirements. mon storage facility: Store away from oxidizing agents. nditions:	
Information on basic physical and chemical properties General Information Appearance: Form: Crystalline powder Color: White Odor: Not determined Odor threshold: Not determined. pH-value: Not applicable. Change in condition Not determined Melting point/Melting range: 71-73 °C (160-163 °F) Boiling point/Boiling range: Not determined Sublimation temperature / start: Not determined Flash point: Not determined Flash point: Not applicable Flash point: Not determined Flasmability (solid, gaseous) Not determined Ignition temperature: Not determined Decomposition temperature: Not determined	Additional information about design o Properly operating chemical fume hood of Control parameters Components with limit values that req Additional information: No data Exposure controls Personal protective equipment General protective equipment General protective and hygienic meas The usual precautionary measures for ha Keep away from foodstuffs, beverages an Remove all soiled and contaminated clot Wash hands before breaks and at the en Avoid contact with the eyes and skin. Maintain an ergonomically appropriate w Breathing equipment: Use suitable resp Protection of hands: Impervious gloves Check protective gloves prior to each use The selection of suitable gloves not only Penetration time of glove material (in the selection): Safety glasses	of technical systems: designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute. unire monitoring at the workplace: Not required. sures andling chemicals should be followed. nd feed. hing immediately. nd of work. rorking environment. birator when high concentrations are present. e for their proper condition. depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. minutes) Not determined	
General Information Form: Appearance: Crystalline powder Form: Crystalline powder Color: White Odor: Not determined Odor threshold: Not determined. pH-value: Not applicable. Change in condition Mot applicable. Melting point/Melting range: 71-73 °C (160-163 °F) Boiling point/Boiling range: Not determined Sublimation temperature / start: Not determined Flash point: Not applicable Flash point: Not applicable Flash point: Not determined Flash point: Not applicable Flash point: Not determined Flash point: Not applicable Flash point: Not determined. Ignition temperature: Not determined. Jecomposition temperature: Not determined. Decomposition temperature: Not determined.			
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Flammability (solid, gaseous) Not determined. Ignition temperature: Not determined Decomposition temperature: Not determined	Melting point/Melting range: Boiling point/Boiling range:	Not determined	
(Contd. on page 3 USA	Flammability (solid, gaseous) Ignition temperature:	Not determined. Not determined	
			(Contd. on page 3)

Product name: 1-Benzyl-4-Boc-piperazine

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Product name: 1-Benzyl-4-Boc-pipe	razine	
		(Contd. of page 2)
Auto igniting:	Not determined. Product does not present an explosion bazard	
Danger of explosion: Explosion limits: Lower: Upper: Vapor pressure: Density: Relative density Vapor density Evaporation rate	Product does not present an explosion hazard. Not determined Not determined Not applicable. Not determined. Not determined. Not applicable. Not applicable.	
Solubility in / Miscibility with Water:	Insoluble	
Partition coefficient (n-octanol/water). Viscosity: dynamic:	Not determined. Not applicable.	
kinematic: Other information	Not applicable. 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 No Conditions to avoid No further relevant Incompatible materials: Oxidizing ager Hazardous decomposition products: Carbon monoxide and carbon dioxide Nitrogen oxides Hydrogen cyanide	t information available.	
Reproductive toxicity: 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. ious 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.	
12 Ecological information Toxicity Aquatic toxicity: No further relevant infor- Persistence and degradability No furth Bioaccumulative potential No further re- Mobility in soil No further relevant infor- Additional ecological information: General notes: Do not allow material to be released to the Avoid transfer into the environment. Results of PBT and vPvB assessmenter PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant	elevant information available. mation available. he environment without proper governmental permits. t	
13 Disposal considerations Waste treatment methods Recommendation Consult state, local of Uncleaned packagings: Recommendation: Disposal must be m	or national regulations to ensure proper disposal. ade according to official regulations.	
14 Transport information Not a hazardous material for transportati	ion.	
UN-Number DOT, IMDG, IATA	None	
UN proper shipping name DOT, IMDG, IATA	None	1
Transport hazard class(es)		
DOT, ADR, IMDG, IATA Class Packing group	None	
Packing group DOT, IMDG, IATA	None	
Environmental hazards: Special precautions for user	Not applicable. Not applicable.	
	II of MARPOL73/78 and the IBC Code Not applicable.	
Transport/Additional information:	Not dangerous according to the above specifications.	
		(Contd. on page 4)

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DOT	
Marine Pollutant (DOT):	No
Regulatory information Safety, health and environmental regulation GHS label elements The product is classified a Hazard pictograms	ns/legislation specific for the substance or mixture and labeled in accordance with 29 CFR 1910 (OSHA HCS)
$\langle \hat{1} \rangle$	
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/Q P280 Wear protective gloves/prot P305+P351+P338 IF IN EYES: Rinse cautious P304+P340 IF INHALED: Remove perso	gas/mist/vapours/spray. lective clothing/eye protection/face protection. sly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. on to fresh air and keep comfortable for breathing.
P405 Store locked up.	ner in accordance with local/regional/national/international regulations.
National regulations This product is not listed in the U.S. Environme to research and development only. This produc	ental Protection Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restric tr must be used by or directly under the supervision of a technically qualified individual as defined by TSCA. This oses or in formulations for commercial purposes.
Prop 65 - Chemicals known to cause cancer Prop 65 - Developmental toxicity Substance Prop 65 - Developmental toxicity, female Subs Information about limitation of use: For use Other regulations, limitations and prohibitiv Substance of Very High Concern (SVHC) ac The conditions of restrictions according to a market and use must be observed.	is not listed. Ibstance is not listed. stance is not listed. only by technically qualified individuals.
Substance is not listed.	iring Authorisation for use) Substance is not listed. afety Assessment has not been carried out.
Other information Employers should use this information only as information to ensure proper use and protect th	a supplement to other information gathered by them, and should make independent judgement of suitability of this he health and safety of employees. This information is furnished without warranty, and any use of the product not eet, or in combination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing D Date of preparation / last revision 11/24/201 Abbreviations and acronyms: RD: Reglement international concernant le transport des marc	57-
ATA-DGR: Dangerous Goods Regulations by the "Internations CAO: International Civil Aviation Organization CAO-TI: Technical Instructions by the "International Civil Avia: MDG: International Maritime Code for Dangerous Goods DOT: US Department of Transport Association ATA: International Air Transport Association AS: Chemical Abstracts Service (division of the American Ch	chandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) al Air Transport Association" (IATA) ation Organization" (ICAO)
ATA: Sol Deplanish of manyon tables AS: International Air Transport Association AS: Chemical Abstracts Service (division of the American Ch MINS: Hazardous Materials Identification System (USA) VHMIS: Workplace Hazardous Materials Information System (C50: Lethal concentration, 50 percent D50: Lethal concentration, 50 percent D50: Lethal dose, 50 percent PVB: very Persistent and very Bioaccumulative CGIH: American Conference of Governmental Industrial Hyg SHA: Occupational Safety and Health Administration (USA) ITP: National Toxicology Program (USA) ARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)	(Canada) yienists (USA)
DSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) ARC: International Agency for Research on Cancer EDA: Environmented Instantion Access (USA)	