

255 Norman. Lachine (Montreal), Que H8R 1A3

Material Safety Data Sheet

EMERGENCY NUMBERS:

(USA) CHEMTREC : 1(800) 424-9300 (24hrs) (CAN) CANUTEC : 1(613) 996-6666 (24hrs) (USA) Anachemia : 1(518) 297-4444 (CAN) Anachemia : 1(514) 489-5711

WHMIS	Protective Clothing	TDG Road/Rail
WHMIS CLASS: E D-1B B-3 D-2B		TDG CLASS: 8
		PIN: UN2735 PG: II

Section I. Product Identification and Uses			
Product name	PHENETHYLAMINE	CI#	Not available.
Chemical formula	C6H5CH2CH2NH2	CAS#	64-04-0
Synonyms	beta-Aminoethylbenzene, 1-Amino-2-phenylethane, 2-Amino-1-phenylethane, Benzeneethanamine, beta-Phenethylamine, 2-Phenylethylamine, AC-7126, 67942	Code	AC-7126
		Formula weight	121.18
Supplier	Anachemia Canada. 255 Norman. Lachine (Montreal), Que H8R 1A3	Supersedes	
Material uses	For laboratory use only.		

Section II. Ingredients				
Name	CAS #	%	TLV	
1) PHENETHYLAMINE	64-04-0	99	Not established by ACGIH	

Toxicity values of the hazardous ingredients

PHENETHYLAMINE: ORAL (LD50): Acute: 200 mg/kg (Guinea pig).

Section III. Physical Data		PHENETHYLAMINE	page 2/4
Physical state and appearance / Odor	Colorless liquid.		
pH (1% soln/water)	Not available.		
Odor threshold	Not available.		
Percent volatile	100% (V/V)		
Freezing point	Not available.		
Boiling point	197 to 200°C		
Specific gravity	0.965 (Water = 1)		
Vapor density	4.18 (Air = 1)		
Vapor pressure	Not available.		
Water/oil dist. coeff.	Not available.		
Evaporation rate	Not available.		
Solubility	Soluble in cold water.		

Section IV. Fire and Explosion Data

Flash point	CLOSED CUP: 90°C (Setaflash.)
Flammable limits	Not available.
Auto-ignition temperature	Not available.
Fire degradation products	Oxides of carbon and nitrogen.
Fire extinguishing procedures	Use DRY chemical, carbon dioxide, alcohol-resistant foam or water spray. Wear adequate personal protection to prevent contact with material or its combustion products. Self contained breathing apparatus with a full facepiece operated in a pressure demand or other positive pressure mode.
Fire and Explosion Hazards	Combustible liquid. Emits toxic fumes under fire conditions.

Section V. Toxicological Properties

Routes of entry	Inhalation and ingestion. Eye contact. Skin contact. Skin absorption.
Effects of Acute Exposure	Harmful by ingestion, inhalation or skin absorption. Corrosive.
Eye	Causes severe burns and loss of vision. May cause permanent damage.
Skin	Causes severe burns. May cause allergic reactions to certain individuals. Readily absorbed through skin.
Inhalation	Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract. Inhalation may be fatal as a result of spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, laryngitis, dyspnea, headache, nausea, and vomiting. May cause sensitization by inhalation.
Ingestion	Toxic if swallowed. Burns in mouth, pharynx and gastrointestinal tract. See inhalation.

Section V. To	oxicological Properties	PHENETHYLAMINE	page 3/4
Effects of Chronic Overexposure	Can cause central nervous system depression. May cause se effects: Not available. Mutagenic effects: Not available. Teratog reproductive system: Not available. To the best of our knowledge not been fully investigated.	enic effects: Not available. Toxicity	of the product to the
Section VI Fi	irst Aid Measures		
Eye contact	Immediately flush eyes with copious quantities of water for at leasentire surface. Seek immediate medical attention.	st 15 minutes holding lids apart to ens	sure flushing of the
Skin contact	Immediately flush skin with plenty of water for at least 15 minutes Seek immediate medical attention. Wash contaminated clothing b		and shoes.
Inhalation	Remove patient to fresh air. Administer approved oxygen supply CPR if breathing has ceased. Seek immediate medical attention.	if breathing is difficult. Administer arti	ficial respiration or
Ingestion	If conscious, wash out mouth with water. Seek immediate mounconscious or convulsing person.	edical attention. Never give anythin	g by mouth to an
Section VII	Reactivity Data		
Stability	Unstable. Air sensitive. Absorbs carbon dioxide from air. Con and all other sources of ignition, contamination.	ditions to avoid: High temperatures, sp	oarks, open flames
Hazardous decomp. products	Not available.		
Incompatibility	Oxidizing agents, acids, acid chlorides, acid anhydrides, carbon	dioxide, acrolein, maleic anhydride.	
Reaction Products	Not available. Hazardous polymerization will not occur.		

waste disposal Burn in a chemical incinerator equipped with an after burner and scrubber. According to all applicable regulations. May be harmful to aquatic life. Can be dangerous if allowed to enter drinking water intakes. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds, or rivers.	Section VIII. F	Preventive Measures	PHENETHYLAMINE	page 4/4	
split eta after material pick up is complete. DO NOT empty into drains. DO NOT touch damaged container or spilled material. Waste disposal Burn in a chemical incinerator equipped with an after burner and scrubber. According to all applicable regulations. May be harmful to aquate life. Can be dangenous if allowed to enter drinking water intekes. Do not containinate domesic or imigation water supplies, lakes, steams, pends, or twess. Storage and Handling: Store in a cool place away from heated areas, sparks, and flame. Store in a well ventilated area. Store away from incompatible materials. Do not add any other material to the container. Do not wash down the drain. Do not breathe gabfunes/vapor/spray. In case of insufficient ventilation, waar suitable registratory quipment. Keep away from fine of the store incompatible materials. Do not all allowed to enter drinking or dupper containers. Take of the store in a store incompatible under an adequate lume hood. Store under nitrogen. Empty containers may contain a hazardous resolue. Hende and open containers. The ord of each open with care. Take of the dupper containers with goard. The store and applicate under an adequate lume hood. Store under nitrogen. Empty containers in a your of allowed to resolue informed and particle and the store in acadeous resolue. Hende and open containers. Do not allowed to ensure the provide adout and the store in acadeous resolue. Hende and open containers with open walked. The base of insufficient ventility. Keep containers in your other drainers in commendiate with care and adout and particle and walked in the absolute of the store stare and explore and walked there book walked. Base to an adequate advect the store walked and particle advect walked and particle advect and store advect in the store walked and particle advect and store advect in an advect advect in anadvect in the store walked and particle adv	Protective Clothing in case of spill and leak	Wear self-contained breathing apparatus, rubber	boots and heavy rubber gloves.		
harmful to aquate life. Can be diargerous if allowed to enter drinking water intakes. Do not contaminate domestic or infigation water supplies, lakes, streams, ponds, or rivers. storage and Handlin. Store in a cool place away from heated areas, sparks, and flame. Store in a well ventilated area. Store away from direct sunlipt or strong incandescent light. Keep container tighty closed and dry. Manipulater with area. Take of immediately all contaminated dothing. This product must be manipulated by qualified presonel. Do not get in seys, on solary containers have contain a head one solar and equater with care. Take of immediately all contaminated dothing. This product must be manipulated by qualified presonel. Do not get in seys, on solary contains have contain well are use. In accordance with care the presence of the solar banding practices. Do not set in seys, on a coloring. Wesh well are use in accordance with care the presence of the solar banding practices of the solar banding practices. Do not get in seys, on a coloring. Wesh well are use in accordance with care. Take of immediately all contaminated dothing. This product must be manipulated by qualified presence. Do not get in seys, on the base whether possible.). Section X. Protective Measures The protein set of the solar banding protocomment of the solar banding protocomment of the solar banding protocomment of the solar banding on the solar banding protocomment of the solar banding ban	Spill and leak				
Section X. Other Information and safety shower is proximate the section of the substance of the substanc	Waste disposal	harmful to aquatic life. Can be dangerous if	allowed to enter drinking water intakes. Do not		
Protective clothing Face sheld and splash goggles. Impervious gloves, apon, coveralls, and/or other resistant protective clothing. Sufficient to protect skin. A or Schulder despirator is a double of proper environmental controls. For emergency shower available. Ensure that eyewash station and safety shower is proximal to the work-station location. Engineering controls Use only in a chemical fume hood. Use adequate ventilation. Do not use in unventilated spaces. Section X. Other Information Section X. Other Information Bergineering controls Use only in a chemical fume hood. Use adequate ventilation. Do not use in unventilated spaces. Section X. Other Information Section X. Other Information Brownents or Corrosive! Toxic! Possible sensitizer! Do not breathe vapor. Avoid all contact with the product. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Keep away from heat, sparks and flame. To the best of our knowledge, the chemical, physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and open. Revealed and physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and open. Revealed and physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and open. Revealed approxement. Revealed approxement. Store under nitrogen. Handle and physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and physical approxement. Revealed approxement. Revealed approxement. Revealed approxement. Revealed approxement. Reve	Storage and Handling	incompatible materials. Do not add any other i gas/fumes/vapor/spray. In case of insufficient sunlight or strong incandescent light. Keep con Store under nitrogen. Empty containers may con immediately all contaminated clothing. This pro skin, or on clothing. Wash well after use. In acc and food consumption while handling. In case o	material to the container. Do not wash down the ventilation, wear suitable respiratory equipment. tainer tightly closed and dry. Manipulate under atain a hazardous residue. Handle and open cont duct must be manipulated by qualified personnel ordance with good storage and handling practice	e drain. Do not breathe Keep away from direct an adequate fume hood. tainer with care. Take off I. Do not get in eyes, on es. Do not allow smoking	
Protective clothing Face sheld and splash goggles. Impervious gloves, apon, coveralls, and/or other resistant protective clothing. Sufficient to protect skin. A or Schulder despirator is a double of proper environmental controls. For emergency shower available. Ensure that eyewash station and safety shower is proximal to the work-station location. Engineering controls Use only in a chemical fume hood. Use adequate ventilation. Do not use in unventilated spaces. Section X. Other Information Section X. Other Information Bergineering controls Use only in a chemical fume hood. Use adequate ventilation. Do not use in unventilated spaces. Section X. Other Information Section X. Other Information Brownents or Corrosive! Toxic! Possible sensitizer! Do not breathe vapor. Avoid all contact with the product. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Keep away from heat, sparks and flame. To the best of our knowledge, the chemical, physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and open. Revealed and physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and open. Revealed and physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and open. Revealed approxement. Revealed approxement. Store under nitrogen. Handle and physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and physical approxement. Revealed approxement. Revealed approxement. Revealed approxement. Revealed approxement. Reve	Section IX. P	Protective Measures			
Section X. Other Information Special Precautions or Corrosive! Toxic! Possible sensitizer! Do not breathe vapor. Avoid all contact with the comments product. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Keep away from heat, sparks and flame. To the best of our knowledge, the chemical, physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and open container with care. Container should be opened only by a technically qualified person. RTECS NO: SG8750000 (Phenethylamine). Prepared by MSDS Department/Département de F.S Validated 15-Dec-2004 1 Telephone# (514) 489-5711 While the company believes the data set forth herein are accurate as of the date hereof, the company makes no warranty with respect thereto		Face shield and splash goggles. Impervious gloves, a OSHA/MSHA jointly approved respirator is advised self-contained respirator is recommended (NIOSH-appr	in the absence of proper environmental controls. For overd). Do not wear contact lenses. Make eye bath and e	or emergency situations, a	
Special Precautions or Corrosivel Toxic! Possible sensitizer! Do not breathe vapor. Avoid all contact with the product. Avoid prolonged or repeated exposure. Use only in a chemical fume hood. Keep away from heat, sparks and flame. To the best of our knowledge, the chemical, physical and toxicity of this substance has not been fully investigated. Absorbs carbon dioxide from air. Store under nitrogen. Handle and open container with care. Container should be opened only by a technically qualified person. RTECS NO: SG8750000 (Phenethylamine). Prepared by MSDS Department/Département de F.S Validated 15-Dec-2004 J Telephone# (514) 489-5711 While the company believes the data set forth herein are accurate as of the date hereof, the company makes no warranty with respect thereto	Section X. O	ther Information			
Telephone# (514) 489-5711 While the company believes the data set forth herein are accurate as of the date hereof, the company makes no warranty with respect thereto	Special Precautions o	r Corrosive! Toxic! Possible sensitizer! Do not br product. Avoid prolonged or repeated exposure. away from heat, sparks and flame. To the best of toxicity of this substance has not been fully invest Store under nitrogen. Handle and open contained by a technically qualified person.	Use only in a chemical fume hood. Keep f our knowledge, the chemical, physical and tigated. Absorbs carbon dioxide from air.	NFPA	
While the company believes the data set forth herein are accurate as of the date hereof, the company makes no warranty with respect thereto	Prepared by MSDS D	epartment/Département de F.S	Validated 15-Dec-2004		
) Telephone#	(514) 489-5711			