




**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

<b>Product name</b>	<b>PHENETHYLAMINE</b>	<b>CI#</b>	Not available.
<b>Chemical formula</b>	C6H5CH2CH2NH2	<b>CAS#</b>	64-04-0
<b>Synonyms</b>	beta-Aminoethylbenzene, 1-Amino-2-phenylethane, 2-Amino-1-phenylethane, Benzeneethanamine, beta-Phenethylamine, 2-Phenylethylamine, AC-7126, 67942	<b>Code</b>	AC-7126
<b>Supplier</b>	Anachemia Canada. 255 Norman. Lachine (Montreal), Que H8R 1A3	<b>Formula weight</b>	121.18
		<b>Supersedes</b>	
<b>Material uses</b>	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**

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. Toxicological Properties**

**Effects of Chronic Overexposure** Can cause central nervous system depression. May cause sensitization by inhalation and skin contact. Carcinogenic effects: Not available. Mutagenic effects: Not available. Teratogenic effects: Not available. Toxicity of the product to the reproductive system: Not available. To the best of our knowledge, the chemical, physical, and toxicity of this substance has not been fully investigated.

**Section VI. First Aid Measures**

**Eye contact** Immediately flush eyes with copious quantities of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Seek immediate medical attention.

**Skin contact** Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention. Wash contaminated clothing before reusing.

**Inhalation** Remove patient to fresh air. Administer approved oxygen supply if breathing is difficult. Administer artificial respiration or CPR if breathing has ceased. Seek immediate medical attention.

**Ingestion** If conscious, wash out mouth with water. Seek immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.

**Section VII. Reactivity Data**

**Stability** Unstable. Air sensitive. Absorbs carbon dioxide from air. Conditions to avoid: High temperatures, sparks, open flames and all other sources of ignition, contamination.

**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.

## Section VIII. Preventive Measures

PHENETHYLAMINE

page 4/4

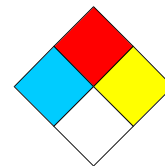
<b>Protective Clothing in case of spill and leak</b>	Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
<b>Spill and leak</b>	Evacuate the area. Absorb on sand or vermiculite and place in a closed container for disposal. Ventilate area and wash spill site after material pick up is complete. DO NOT empty into drains. DO NOT touch damaged container or spilled material.
<b>Waste disposal</b>	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.
<b>Storage and Handling</b>	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 gas/fumes/vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from direct sunlight or strong incandescent light. Keep container tightly closed and dry. Manipulate under an adequate fume hood. Store under nitrogen. Empty containers may contain a hazardous residue. Handle and open container with care. Take off immediately all contaminated clothing. This product must be manipulated by qualified personnel. Do not get in eyes, on skin, or on clothing. Wash well after use. In accordance with good storage and handling practices. Do not allow smoking and food consumption while handling. In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible.).

## Section IX. Protective Measures

<b>Protective clothing</b>	Face shield and splash goggles. Impervious gloves, apron, coveralls, and/or other resistant protective clothing. Sufficient to protect skin. A OSHA/MSHA jointly approved respirator is advised in the absence of proper environmental controls. For emergency situations, a self-contained respirator is recommended (NIOSH-approved). Do not wear contact lenses. Make eye bath and emergency shower available. Ensure that eyewash station and safety shower is proximal to the work-station location.
<b>Engineering controls</b>	Use only in a chemical fume hood. Use adequate ventilation. Do not use in unventilated spaces.

## Section X. Other Information

**Special Precautions or comments** 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 container with care. Container should be opened only by a technically qualified person.  
RTECS NO: SG8750000 (Phenethylamine).



NFPA

Prepared by MSDS Department/Département de F.S..

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Telephone# (514) 489-5711

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