











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: B-3 D-2B		TDG CLASS: 3 PIN: UN1177 PG: III
 	    	

## Section I. Product Identification and Uses

<b>Product name</b>	<b>ETHYL HEXANOATE</b>	<b>CI#</b>	Not available.
<b>Chemical formula</b>	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> COOC <sub>2</sub> H <sub>5</sub>	<b>CAS#</b>	123-66-0
<b>Synonyms</b>	Ethyl butylacetate, Ethyl caproate, Ethyl hexoate, Hexanoic acid ethyl ester, AC-4294	<b>Code</b>	AC-4294
<b>Supplier</b>	Anachemia Canada . 255 Norman. Lachine (Montreal), Que H8R 1A3	<b>Formula weight</b>	144.21
		<b>Supersedes</b>	
<b>Material uses</b>	For laboratory use only.		

## Section II. Ingredients

Name	CAS #	%	TLV
1) ETHYL HEXANOATE	123-66-0	99+	Not established by ACGIH

**Toxicity values of the hazardous ingredients**

ETHYL HEXANOATE  
LD50: Not available.  
LC50: Not available.

**Section III. Physical Data**

ETHYL HEXANOATE

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**Physical state and appearance / Odor** Colorless to yellowish liquid. Pleasant odor.**pH (1% soln/water)** Not available.**Odor threshold** Not available.**Percent volatile** Not available.**Freezing point** Not available.**Boiling point** 168°C**Specific gravity** 0.873**Vapor density** 4.97**Vapor pressure** Not available.**Water/oil dist. coeff.** Not available.**Evaporation rate** Not available.**Solubility** Soluble in water.**Section IV. Fire and Explosion Data****Flash point** 49°C cc**Flammable limits** LEL: Not available. UEL: Not available.**Auto-ignition temperature** Not available.**Fire degradation products** Oxides of carbon.**Fire extinguishing procedures** Use DRY chemical, carbon dioxide, or alcohol-resistant foam. Water may be ineffective to extinguish fires. Cool containing vessels with flooding quantities of water until well after fire is out. 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** The sensitivity to static discharge is not available. The sensitivity to impact is not available. Combustible Liquid. Emits toxic fumes under fire conditions.**Section V. Toxicological Properties****Routes of entry** Inhalation and ingestion. Skin absorption. Skin contact. Eye contact.**Effects of Acute Exposure** May be harmful by ingestion, inhalation, or by skin absorption.**Eye** Causes irritation.**Skin** Causes skin irritation. IRRITATION: SKIN-RABBIT 500 mg/24H MODERAT**Inhalation** Not available.**Ingestion** Not available.

## Section V. Toxicological Properties

ETHYL HEXANOATE

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### Effects of Chronic Overexposure

To the best of our knowledge the acute and chronic toxicity of this substance has not been fully investigated. Carcinogenic effects: Not available. Mutagenic effects: Not available. Teratogenic effects: Not available. Toxicity of the product to the reproductive system: Not available.

## Section VI. First Aid Measures

### Eye contact

Wash eyes and skin with copious quantities of water for at least 15 minutes. Call a physician

### Skin contact

Remove contaminated clothing and shoes. Wash skin with soap and water. Call a physician. Wash clothing before reuse.

### Inhalation

Remove patient to fresh air. Administer approved oxygen supply if breathing is difficult. Administer artificial respiration or CPR if breathing has ceased. Call a physician.

### Ingestion

If conscious, wash out mouth with water. Have conscious person drink several glasses of water or milk. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention.

## Section VII. Reactivity Data

### Stability

Stable. Conditions to avoid: High temperatures, sparks, open flames and all other sources of ignition, contamination.

### Hazardous decomp. products

Carbon dioxide and monoxide.

### Incompatibility

Reducing agents. Oxidizing agents, acids, bases.

### Reaction Products

Not available. Hazardous polymerization will not occur.

## Section VIII. Preventive Measures

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### Protective Clothing in case of spill and leak

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.

### Spill and leak

Evacuate the area. Eliminate all sources of ignition. 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 spilled material. Avoid run off. Runoff to sewer may create fire hazard.

### Waste disposal

Dispose of waste material at an approved (hazardous) waste treatment/ disposal facility in accordance with applicable local, provincial and federal 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.

### Storage and Handling

Store in a cool place away from heated areas, sparks and flame. Store in a cool, dry area. Store in a well ventilated area. Store away from acids, alkalies and oxidizing materials. Keep tightly closed. Do not add any other material to the container. 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. Ground the container while dispensing.

## Section IX. Protective Measures

### Protective clothing

Wear appropriate OSHA/MSHA approved chemical cartridge respirator. Rubber gloves. Apron or clothing to protect skin. Sufficient to protect skin. Safety goggles.

### Engineering controls

Use in a chemical fume hood. Use adequate ventilation. Do not use in unventilated spaces. Make eye bath and emergency shower available.

## Section X. Other Information

### Special Precautions or comments

Combustible Liquid ! Irritant ! Do not breathe vapor. Avoid all contact with the product. Manipulate in a well ventilated area or under an adequate 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. Handle and open container with care. Container should be opened only by a technically qualified person.  
RTECS NO: MO7735000 (Ethyl hexanoate).



NFPA

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

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