




## 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
Not controlled under WHMIS (Canada).		Not controlled under TDG (Canada). PIN: Not applicable. PG: Not applicable.
		

**Section I. Product Identification and Uses**

<b>Product name</b>	<b>LANOLIN, ANHYDROUS</b>	<b>CI#</b>	Not available.
<b>Chemical formula</b>	Not applicable.	<b>CAS#</b>	8006-54-0
<b>Synonyms</b>	Wool fat, AC-5335, 50048	<b>Code</b>	AC-5335
<b>Supplier</b>	Saffire Blue Inc. 1444 Bell Mill Road Tillsonburg, ON Canada N4G 4G9	<b>Formula weight</b>	Not applicable.
		<b>Supersedes</b>	
<b>Material uses</b>	For laboratory use only.		

**Section II. Ingredients**

Name	CAS #	%	TLV
1) LANOLIN, ANHYDROUS	8006-54-0	100	Not established by ACGIH

**Toxicity values of the hazardous ingredients**

LANOLIN, ANHYDROUS:  
LD50: Not available.  
LC50: Not available.

**Section III. Physical Data**

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<b>Physical state and appearance / Odor</b>	Amber viscous liquid. Characteristic odor.
<b>pH (1% soln/water)</b>	Not applicable.
<b>Odor threshold</b>	Not available.
<b>Percent volatile</b>	Not available.
<b>Freezing point</b>	38-42°C
<b>Boiling point</b>	Not available.
<b>Specific gravity</b>	0.94 (Water = 1)
<b>Vapor density</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Water/oil dist. coeff.</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Solubility</b>	Insoluble in cold water.

**Section IV. Fire and Explosion Data**

<b>Flash point</b>	CLOSED CUP: 238°C
<b>Flammable limits</b>	Not available.
<b>Auto-ignition temperature</b>	445°C
<b>Fire degradation products</b>	Oxides of carbon (CO, CO <sub>2</sub> ). Hydrocarbons.
<b>Fire extinguishing procedures</b>	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. Water or foam may cause frothing.
<b>Fire and Explosion Hazards</b>	The sensitivity to impact is not applicable. The sensitivity to static discharge is not applicable. When heated to decomposition it emits acrid smoke and fumes.

**Section V. Toxicological Properties**

<b>Routes of entry</b>	Ingestion and inhalation. Skin absorption.
<b>Effects of Acute Exposure</b>	May be harmful by ingestion, inhalation, or by skin absorption.
<b>Eye</b>	May cause irritation.
<b>Skin</b>	No effects of exposure expected due to contact.
<b>Inhalation</b>	Mist or hot vapors may cause chemical pneumonitis.
<b>Ingestion</b>	Mist or hot vapors may cause chemical pneumonitis.

**Section V. Toxicological Properties**

**Effects of Chronic Overexposure** This substance is known to cause allergic reactions in certain individuals once they become sensitized after exposure to even small amounts over a period of time. 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. Call a physician.

**Skin contact** Immediately flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. If irritation occurs or persists seek medical attention.

**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** DO NOT induce vomiting. If conscious, wash out mouth with water. Have conscious person drink several glasses of water to dilute. Seek immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.

**Section VII. Reactivity Data**

**Stability** Unstable. light sensitive. Conditions to avoid: High temperatures, sparks, open flames and all other sources of ignition, contamination.

**Hazardous decomp. products** Not available.

**Incompatibility** Oxidizing agents, reducing agents.

**Reaction Products** May discolor on exposure to light. Hazardous polymerization will not occur.

## Section VIII. Preventive Measures

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**Protective Clothing in case of spill and leak** Wear respirator, safety glass, rubber boots and heavy rubber glove

**Spill and leak** 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.

**Waste disposal** Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber. According to all applicable regulations.

**Storage and Handling** Store in a cool place away from heated areas. 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 in a well ventilated area or under an adequate fume hood. Handle and open container with care. Product is highly hygroscopic. 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.

## Section IX. Protective Measures

**Protective clothing** Splash goggles. Impervious rubber gloves, coveralls, and/or other resistant protective clothing. Sufficient to protect skin. If mist and/or hot vapors are present, use air-purifying respiratory or self-contained breathing apparatus as required. 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.

**Engineering controls** Good general ventilation should be sufficient to control airborne levels. Do not use in unventilated spaces.

## Section X. Other Information

**Special Precautions or comments** Do not breathe vapor. Avoid contact with the product. Avoid prolonged or repeated exposure. Manipulate in a well ventilated area or under an adequate fume hood. Keep away from heat. Handle and open container with care. Container should be opened only by a technically qualified person.  
RTECS NO: OE3201000 (Lanolin).



NFPA

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

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