

# MATERIAL SAFETY DATA SHEET

**CETYLITE<sup>®</sup> INDUSTRIES, INC.**

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**Hazard Rating (NFPA 704)**

Health	2	0=Least
Fire	1	1=Slight
Reactivity	0	2=Moderate
Special	none	3=High
		4=Extreme

**EFFECTIVE DATE: 03/08/12**
**SECTION 1 - IDENTIFICATION**
**PRODUCT NAME: Cetyl-Zyme Pro-Am<sup>®</sup> (Concentrate)**
**MAIN HAZARDOUS**
**CHEMICAL INGREDIENTS**
**OSHA  
PEL**
**ACGIH  
TLV**

Proprietary Multi-Enzyme Blend

none

none

Other ingredients: Propylene glycol, boric acid, non-ionic surfactant.

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

**SECTION 2 - PHYSICAL DATA**

<b>BOILING POINT:</b>	>100 °C
<b>VAPOR PRESSURE AT 20°C:</b>	Not determined
<b>VAPOR DENSITY (air=1):</b>	Not determined
<b>SPECIFIC GRAVITY @ 25 °C (H<sub>2</sub>O=1.000):</b>	1.080
<b>SOLUBILITY IN WATER (% by wt):</b>	100 %
<b>MELTING POINT:</b>	N/A
<b>EVAPORATION RATE (Butyl Acetate=1):</b>	Not determined
<b>FREEZING POINT:</b>	<0 °C
<b>APPEARANCE AND ODOR:</b>	liquid, blue color, mint odor

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (test method(s):</b>	Nonflammable
<b>FLAMMABLE LIMITS IN AIR (% by volume):</b>	<b>LOWER:</b> Not determined <b>UPPER:</b> Not determined.
<b>EXTINGUISHING MEDIA:</b>	N/A
<b>SPECIAL FIREFIGHTING PROCEDURES:</b>	N/A
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	N/A

**SECTION 4 - REACTIVITY DATA**

**STABILITY:** Stable under normal storage conditions.  
**INCOMPATIBILITY (materials to avoid):** Prolonged exposure to heat.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 5 - SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Eliminate all ignition sources. Contain spilled material. Transfer to secure containers. Prevent entry into drains or sewers. Use suitable absorbent materials.

**WASTE DISPOSAL METHOD:** Remove to permitted waste disposal facility or an approved incinerator in accordance with local, state and federal requirements. Empty container shall be rinsed before disposal.

**SECTION 6 - HEALTH HAZARD DATA (Symptoms of Overexposure)**

**EYE CONTACT:** May cause irritation. May act as an allergen.

**SKIN ABSORPTION:** May act as an allergen.

**INGESTION:** Toxic in large amounts.

**INHALATION:** Aerosolized material may cause allergic reaction.

**SKIN CONTACT:** May cause reddening and irritation. Pre-existing skin conditions and allergies may be aggravated by exposure.

**SYSTEMIC AND OTHER EFFECTS:** None reported.

**SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

**EYES:** Irrigate immediately with water for at least 15 minutes. Obtain medical advice of an ophthalmologist if irritation persists.

**SKIN:** Wash off with soap and water. If irritation persists, seek medical advice.

**INGESTION:** Do not induce vomiting. Give large quantities of water. Seek medical attention.

**INHALATION:** Remove to fresh air if effects occur. Get medical attention.

**SECTION 8 - HANDLING PRECAUTIONS**

**EXPOSURE GUIDELINE(S):** None established.

**VENTILATION:** Good general ventilation should be adequate.

**RESPIRATORY PROTECTION (specify type):** If respiratory irritation is experienced, use an approved air-purifying respirator with particulate/organic vapor cartridge.

**PROTECTIVE GLOVES:** Use impervious rubber gloves when prolonged or repeated contact could occur. Wash contaminated clothing before reuse.

**EYE PROTECTION:** Use goggles or safety glasses with eye shields.

**SECTION 9 - ADDITIONAL INFORMATION**

**SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING:** Store in a cool, dry, well ventilated place away from heat, open flames and incompatible materials. Keep container tightly closed when not in use. Do not reuse empty container. Avoid repeated skin contact and eyes exposure. Do not permit eating, drinking or smoking near material. Keep away from children.

**EPA-EPCRA - Section 313 (Listed Chemical): NONE**

**DISCLAIMER:**

The information herein given was derived solely from the main hazardous chemical ingredients MSDS on file at the time of this MSDS preparation. The information is given in good faith but no warranty, express or implied to the accuracy, completeness or adequacy of the information contained in this MSDS is made. We assume no warranties of fitness or liability from the use of this product. Since the conditions for use, handling, storage and disposal of this product are beyond Cetylite control, users should make their own investigations to determine the suitability of the information for their particular purposes. Users assume liability for damage, or expense arising out of product's improper use. Various Federal, State or Provincial agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.