

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET****ACTION / 2428****AUGUST 2010****PAGE 1**

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 1 – Chemical and Company Identification****CHEMICAL FAMILY:** Bacterial Complex**SECTION 2 – Composition on Ingredients**

CAS #	NAME	% BY WT.	OSHA PEL / ACGIH TLV	SARA 302/ 304 (1)*	SARA 313 (2)*	STATE INFO (3)(4)
---	Viable Bacterial Cultures		N/E / N/E	NO	NO	NO
67-63-0	Isopropanol	<5.0	400 ppm	NO	NO	NO

\* See Section 15 for more information  
n/e = none established n/a = not applicable

**SECTION 3 – Hazards Information****EMERGENCY OVERVIEW:** WARNING. Avoid all contact with open wounds. Eye irritant. Do not take internally. Avoid breathing vapors or mists. Store out of direct sunlight.**PRIMARY ROUTE OF ENTRY:** Eye contact, skin contact, inhalation.**ACUTE/POTENTIAL HEALTH EFFECTS:**

- EYES:** May cause irritation to the eyes experienced as discomfort or pain with excess blinking and tear production and redness or swelling of the conjunctiva.
- SKIN:** May cause mild skin irritation. Prolonged or repeated contact may cause defatting or drying of skin.
- INHALATION:** Can cause allergic type response in susceptible or hypersensitive individuals upon repeated or prolonged exposure.
- INGESTION:** May cause nausea, vomiting and diarrhea.

**CHRONIC/LONG TERM EFFECTS:** May cause allergic type sensitivity in susceptible individuals resulting in delayed hyper-allergenic response.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Ingestion may cause nausea, vomiting and diarrhea.**TARGET ORGAN EFFECTS:** No data.**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No data.**CARCINOGENIC INFORMATION:** This material is not listed as a carcinogen by IARC, NTP, or OSHA.**SECTION 4 – First Aid Measures**

- EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
- SKIN:** Flush skin with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
- INHALATION:** In case of inhalation, remove from area of exposure; if allergic symptoms occur in 0-48 hours, if irritation persists, seek medical attention.
- INGESTION:** Give large quantities of water or milk. Induce vomiting. Get medical attention.

**SECTION 5 – Fire Fighting Measures****FLASH POINT:** No flash **METHOD USED:** Standard**EXTINGUISHING MEDIA:** Use appropriate methods for combating surrounding fire.**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode.**SECTION 6 – Accidental Release Measures**

Absorb spill with inert material. Flush area well with water to remove trace residue. Surfaces may become slippery after spillage.

**SECTION 7 – Handling and Storage**

Store in a cool, dry area. Keep out of direct sunlight. Keep from freezing. Do not store above 110°F. Keep container closed when not in use. Keep out of reach of children.

**SECTION 8 – Exposure Controls/Personal Protection**

- ENGINEERING CONTROLS:** Use general ventilation.
- EYE PROTECTION:** Wear safety glasses or goggles.
- SKIN PROTECTION:** To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).
- RESPIRATORY PROTECTION:** No special requirements are needed for this material.

**SECTION 9 – Physical and Chemical Properties**

- APPEARANCE & ODOR:** Milky white liquid with pleasant fragrance
- EVAPORATION RATE (BUTYL ACETATE=1):** N/a
- SOLUBILITY IN WATER:** Complete **SPECIFIC GRAVITY (H2O=1):** 1.00
- VAPOR PRESSURE (mmHg):** N/e **pH CONCENTRATE:** 8.4
- VAPOR DENSITY (AIR=1):** N/e **BOILING POINT:** 212°F

**SECTION 10 – Stability and Reactivity**

- STABILITY:** Stable
- INCOMPATIBILITY:** Strong acids, oxidizers
- CONDITIONS TO AVOID:** High temperature
- HAZARDOUS POLYMERIZATION:** Will not occur
- HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>

**SECTION 11 – Toxicological Information**

No data.

**SECTION 12 – Ecological Information**

No data.

**SECTION 13 – Disposal Consideration****WASTE DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state, and local environmental control regulations.**SECTION 14 – Transport Information****D.OT. SHIPPING NAME/CLASS:** Not regulated.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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**SECTION 15 – Regulatory Information****U.S. Federal Regulations:**

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

**Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:**

ACUTE (X) Chronic (X) Fire ( ) Pressure ( ) Reactive ( ) Not Applicable ( )

(1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355 Appendix A

(2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

**RCRA Status:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s)  
None

**State and Local Regulations:** Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.

(3) California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986)

(4) Massachusetts (Hazardous Substance Disclosure by Employers)

**SECTION 16 – Other Information**

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

**Disclaimer:** The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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