

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard Communications Standard.  
29CFR 1910.1200. Standard must be consulted for specific requirements.

**SECTION I**

|   |   |
|---|---|
| <b>MANUFACTURER'S NAME/REPACKAGED BY:</b><br><b>Q. A. Labs. / Certified Safety Mfg., Inc.</b> | <b>TELEPHONE NO.</b><br><b>(816) 483-9090</b> |
| <b>ADDRESS:</b><br><b>1400 Chestnut Avenue Kansas City, Missouri 64127</b>                    |   |
| <b>IDENTITY (AS USED ON LABEL):</b><br><b>Barrier Cream</b>                                   | <b>DATE PREPARED:</b><br>12/23/09             |
|   | <b>DATE REVIEWED:</b>                         |

**SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

|   |            |                  |                          |
|---|------------|------------------|--------------------------|
| <b>HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s)):</b>   |            |                  |                          |
|   | % OSHA PEL | ACGIH TLV        | OTHER LIMITS RECOMMENDED |
| <b>Glycol, Glycerol</b>   | <b>10%</b> | <b>15mg/m(3)</b> | <b>10 mg/m(3) Mist</b>   |
| (Glycerine, 1,2,3-Propanetriol, Trihydroxypropane) CAS#000056-81-5 (96.5-99.5%)   |            |                  |                          |
| THIS PRODUCT IS PRODUCED AS A HEALTH CARE ITEM "FOOD, DRUG OR COSMETIC,<br>INTENDED FOR PERSONAL CONSUMPTION BY EMPLOYEES WHILE IN THE WORKPLACE"<br>TO WHICH THE HAZARDOUS COMMUNICATIONS REQUIREMENTS OF; 29CFR1910.1200<br>(A) & (B) DO NOT APPLY, AS SPECIFICALLY STATED IN 29CFR 1910.1200 (B) (5) (V) |            |                  |                          |

**SECTION III – PHYSICAL DATA**

|   |           |  |                   |
|---|-----------|--|-------------------|
| <b>BOILING POINT (°F):</b>  | 554°F     | <b>SPECIFIC GRAVITY (H<sub>2</sub>O= 1):</b> | 1.26              |
| <b>VAPOR PRESSURE (mm Hg.):</b>   | <1 @ 68°F | <b>PERCENT VOLATILE BY VOLUME (%)</b>        | N/A               |
| <b>VAPOR DENSITY (AIR=1)</b>  | 3.1       | <b>EVAPORATION RATE: (Butyl Acetate =1)</b>  | Slower than ether |
| <b>SOLUBILITY IN WATER:</b>   | Miscible  |  |                   |
| <b>APPEARANCE AND ODOR:</b> Clear, viscous, syrupy liquid, sweet tasting, odorless. |           |  |                   |

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

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| <b>FLASH POINT (Method used):</b> 188°F (TCC)  | <b>FLAMMABLE LIMITS:</b> LEL: 2% UEL: 12% |
| <b>EXTINGUISHING MEDIA:</b> Use water, alcohol foam, dry chemical or CO <sub>2</sub>   |   |
| <b>SPECIAL FIRE FIGHTING PROCEDURES: Special protective equipment for fire-fighters:</b> Clear area of unprotected personnel. Wear complete turnout gear. Cool containers exposed to fire with water.  |   |
| <b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> Containers exposed to intense heat from fires should be cooled with large amounts of water to prevent buildup of internal pressure due to vapor generation which could result in container rupture. If product is heated to elevated temperatures, irritating vapors can be produced. Oxides of carbon and nitrogen are generated by exposure to heat from fires. |   |

**SECTION V – REACTIVITY DATA**

|  |                |   |  |
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| <b>STABILITY:</b>  | STABLE         | √ | <b>CONDITIONS TO AVOID:</b> None known |
| <b>INCOMPATIBILITY (Materials to avoid):</b> Avoid strong oxidizing agents as sodium hypochlorite, hypochlorous acid |                |   |  |
| <b>HAZARDOUS POLYMERIZATION:</b>   | MAY OCCUR      |   | <b>CONDITIONS TO AVOID:</b> None known |
|  | WILL NOT OCCUR | √ |  |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Acrolein, Carbon Dioxide, Carbon Monoxide, various hydrocarbons             |                |   |  |

**SECTION VI – HEALTH HAZARD DATA**

|                           |                  |                         |                   |                        |
|---------------------------|------------------|-------------------------|-------------------|------------------------|
| <b>ROUTE(S) OF ENTRY:</b> | <b>EYES:</b> yes | <b>INHALATION?:</b> yes | <b>SKIN?:</b> yes | <b>INGESTION?:</b> yes |
|---------------------------|------------------|-------------------------|-------------------|------------------------|

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| <b>CARCINOGENICITY:</b> Not identified as a carcinogen by the NTP, IARC Monographs or by OSHA.   |
| <b>SIGNS AND SYMPTOMS OF OVEREXPOSURE:</b> <b>Eyes:</b> Can cause transient irritation. <b>Skin:</b> Prolonged contact Can cause irritation, defatting, dermatitis. <b>Inhalation:</b> Can cause irritation of nasal passages and respiratory tract. <b>Ingestion:</b> May cause gastrointestinal irritation.  |
| <b>PROCEDURES:</b> <b>Eye:</b> Flush with large amounts of water for at least 15 minutes. Hold eyelids apart to ensure flushing of the entire eye surface. Contact a physician. <b>Skin:</b> Wash with soap and water. Remove and clean contaminated clothing before reuse. If irritation occurs, contact a physician. <b>Inhalation:</b> Remove victim to fresh. If breathing has stopped give artificial respiration. Contact a physician. |

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| <b>SECTION VII – SPILL OR LEAK PROCEDURES</b>   |
| <b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b> <b>Large Spills:</b> Dike around spill and pump into suitable containers for recovery or disposal. <b>Small Spills:</b> Absorb liquid on paper, vermiculite, floor absorbent or other absorbent. Place in hood or into a drum container for disposal. |
| <b>WASTE DISPOSAL METHOD:</b> Recover for use or dispose of at an approved facility in accordance with applicable.  |
| <b>ENVIRONMENTAL DEGRADATION:</b> Should be removed readily from soils and water by volatilization and biodegradation.  |

|   |                                     |               |
|---|-------------------------------------|---------------|
| <b>SECTION VIII – SPECIAL PROTECTION INFORMATION</b>  |                                     |               |
| <b>VENTILATION:</b>   | LOCAL EXHAUST: √                    | SPECIAL: None |
|   | MECHANICAL ( <i>General</i> ): None | OTHER: None   |
| <b>PROTECTIVE GLOVE:</b> None   | <b>EYE PROTECTION:</b> Goggles      |               |
| <b>OTHER PROTECTIVE EQUIPMENT:</b> NIOSH approved respiratory protection required when above PEL/TWA. |                                     |               |

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| <b>SECTION IX – SPECIAL PRECAUTIONS</b>  |
| <b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:</b> Maintain appropriate class of fire extinguishers nearby in case of fire. |

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