

**MATERIAL SAFETY DATA SHEET**

DATE REVISED: 10-13-04

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **PRE-CLEAN**
UPC No. 45304, 45305

MANUFACTURED BY: PRECISION BRAND PRODUCTS, INC., INCORPORATED
2250 Curitss Street
Downers Grove IL 60515 USA
Product Information Telephone Number: (630) 969-7200
Fax Number: (630) 969-0310
www.precisionbrand.com

**24 HOUR TRANSPORTATION EMERGENCY NUMBER: CHEMTREC 800-424-9300 U.S. & CANADA
703-527-3887 INTERNATIONAL (Collect)**

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>DESCRIPTION LIMITS</u>	<u>CAS NUMBER</u>	<u>WEIGHT PERCENT</u>	<u>EXPOSURE</u>
Isopropyl Alcohol	67-63-0	< 20	400 ppm (TLV)
Proprietary Surfactant Blend	Not Available	< 10	Not Established
Water - H ₂ O	7732-18-5	>80	Not Established

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Clear light yellow liquid, sweet odor. May be irritating or burning to eyes and skin – direct contact. May be harmful if swallowed.

EYE CONTACT: Irritation or possible burns upon direct contact. Possible irreversible damage.

SKIN CONTACT: Irritation and possible sensitization with certain individuals.

INGESTION: Burns to the gastrointestinal tract. Other possible symptoms include nausea, vomiting, abdominal pain and difficulty breathing.

INHALATION: Unlikely route of exposure. If sprayed, breathing mists can cause nose and throat irritation.

CHRONIC: Not established.

4. FIRST AID MEASURES

EYE CONTACT: Flush immediately with clean water. Continue for at least 15 minutes. Seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing to avoid prolonged contact. Wash affected areas with soap and water.

INGESTION: If victim is conscious, administer large amounts of water or milk. Do not induce vomiting. Never administer anything by mouth to an unconscious person.

INHALATION (mist): Remove from exposure. Provide air if breathing difficult. Seek medical attention if necessary.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: 118°F

METHOD USED: TCC

FLAMMABLE LIMITS:

LFL: 2%

UFL: 12% Based on Isopropyl alcohol – not mixture.

EXTINGUISHING MEDIA: Water-based product. Non-flammable

FIRE & EXPLOSION HAZARDS: None.

SPECIAL FIRE FIGHTING PROCEDURES: None (non-flammable)

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Review current local, state and federal laws, codes, statutes, and regulations to determine appropriate agencies to be notified, and the conditions under which they are to be notified. Wear recommended protective equipment. Recover as much free liquid as possible.. Use absorbent to pick up residue. Avoid discharging liquid directly into a sewer or surface waters.

WASTE DISPOSAL METHOD: Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2.

7. HANDLING AND STORAGE: Store in cool, dry area. Keep containers covered when not in use. Avoid storing with incompatible materials (see Section 10). Wear protective equipment when handling product.

8. SPECIAL PROTECTION INFORMATION

NOTE: The product itself does not produce hazardous fumes or vapors. Consequently, no special ventilation or respiratory protection is required under normal operating conditions. However, if the product is applied in a way that produces mists or aerosols, then appropriate ventilation and respiratory protection is recommended.

RESPIRATORY PROTECTION (type): If TLV is exceeded or for symptoms of overexposure, wear a NIOSH approved respirator for mists and fumes.

PROTECTIVE GLOVES (type): Alkali-resistant (i.e. neoprene, rubber).

LOCAL EXHAUST VENTILATION (rate): As needed to control exposure below TLV.

EYE PROTECTION: (type): Safety glasses, goggles, face shield.

MECHANICAL VENTILATION (rate): Not normally required.

OTHER PROTECTIVE EQUIPMENT: Alkali-resistant apron and boots. Eye wash fountain.

SPECIAL VENTILATION: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: > 205°F

SPECIFIC GRAVITY: (Water = 1): 0.99

VAPOR PRESSURE: No data.

VOLATILE BY VOLUME: 20%

VAPOR DENSITY: No data.

EVAPORATION RATE: (Ethyl Ether = 1): < 1

SOLUBILITY IN WATER: Complete.

pH (10%): 7.0

APPEARANCE & ODOR: Light yellow liquid, alcohol odor.

10. STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY (materials to avoid): Strong acids, water-reactive substances and metals such as aluminum and zinc.

HAZARDOUS DECOMPOSITION PRODUCTS: After evaporation of water, thermal-oxidative decomposition can produce oxides of carbon, nitrogen and sulfur.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

1. This product contains no carcinogenetic materials according to NTP, ACGIH, OSHA and IARC monographs.
 2. Refer to Section 3 for additional information.
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12. ECOLOGICAL INFORMATION

Information not available.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be carried out by a licensed facility or waste hauler.

14. TRANSPORT INFORMATION

D.O.T. HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME:

(49CFR 172.101): Combustible Liquid, Aqueous Solution of Alcohol
Exceptions: 49CFR 173.150(e)

15. REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION RULE 29 CFR 1910.1200: Corrosive liquid.

TSCA (TOXIC SUBSTANCES CONTROL ACT): Components of this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response compensation and Liability Act, 40 CFR 117, 302:

Refer to Section 6 (Accidental Release Measures).

SARA TITLE III (Superfund Amendments and Authorization Act):

Section 313 Reportable Ingredients: None.

16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION CODES (NFPA):

HEALTH: 2 FLAMMABILITY: 1
REACTIVITY: 0

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS):

HEALTH: 2 FLAMMABILITY: 1
REACTIVITY: 0 PERSONAL PROTECTION: C

The data here is for hazard communication to our employees, our customers and their employees, and authorized regulatory agencies. For the intended purpose, this MSDS (Material Safety data Sheet) may be duplicated or the data transcribed to an alternative form.

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