



## MATERIAL SAFETY DATA SHEET

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DATE REVISED: 1-8-04  
REVISION MSDS NO. 880246- 2

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CLEANER DEGREASER UPC No. 45104, 45105  
MANUFACTURED BY: PRECISION BRAND PRODUCTS INC.  
2250 Curtiss Street  
Downers Grove IL 60515 USA  
Product Information Telephone Number: (630) 969-7200

24 HOUR TRANSPORTATION EMERGENCY NUMBER: CHEMTREC 800-424-9300 U.S. & CANADA  
202-483-7616 INTERNATIONAL

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>DESCRIPTION</u>             | <u>CAS NUMBER</u> | <u>WEIGHT PERCENT</u> | <u>EXPOSURE LIMITS</u>           |
|--------------------------------|-------------------|-----------------------|----------------------------------|
| Isopropyl Alcohol              | 67-63-0           | < 15                  | 980 mg/m <sup>3</sup> (OSHA PEL) |
| Sodium Tetraborate (Borax)     | 1303-96-4         | < 2                   | 10 mg/m <sup>3</sup> (OSHA PEL)  |
| Disodium Pyrophosphate         | 7758-16-9         | < 2                   | 5 mg/m <sup>3</sup> (OSHA PEL)   |
| Biodegradable Surfactant Blend | N/A               | < 10                  | None Established                 |
| Water                          | 7732-18-5         | Balance               | None Established                 |

### 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Pink liquid, alcohol odor. Possible skin and eye irritation – direct contact.

EYE CONTACT: Slightly irritating but does not injure eye tissue.

SKIN CONTACT: Frequent or prolonged contact may irritate and cause dermatitis. Low order of toxicity.

INGESTION: Irritation of mouth and throat. Possible nausea, vomiting, diarrhea, headache and dizziness.

INHALATION: High vapor concentrations may be irritating to the respiratory tract. Other possible symptoms include headaches, dizziness and drowsiness.

CHRONIC: Not established.

### 4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water for 15 minutes. Consult physician.

SKIN CONTACT: Remove contaminated clothing to prevent further contact. Wash affected areas of skin with soap and water.

INGESTION: If conscious, induce vomiting by administering two glasses of water or milk. Contact physician.

INHALATION: Remove to fresh air. Provide artificial respiration.

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## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

FLASHPOINT: 85°F

METHOD USED: Closed cup.

FLAMMABLE LIMITS:

LFL: 2%

UFL: 12% (for isopropyl alcohol)

EXTINGUISHING MEDIA: Water, carbon dioxide.

FIRE & EXPLOSION HAZARDS: None known.

SPECIAL FIRE FIGHTING PROCEDURES: Un-ignited alcohol vapors from hot liquid could necessitate the use of supplied-air respirator or self-contained breathing apparatus.

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## 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. Eliminate ignition sources. Ventilate area. For massive spills, evacuate area of persons not wearing protective equipment and clothing. Recover as much free liquid as possible. Use absorbent to pick up residue. Avoid discharging the 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. The product is not a listed waste or a characteristic waste (contains less than 24% isopropyl alcohol, therefore it is exempt).

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**7. HANDLING AND STORAGE:** Store in clean, fire-resistant storage area with good ventilation and not subject to high temperatures. Prohibit smoking in the area and exclude sources of spark or open flame. Store liquid in closed containers.

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## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**NOTE:** The product itself does not produce hazardous fumes or vapors. Consequently, no ventilation or respiratory protection is required under normal operating conditions

RESPIRATORY PROTECTION (type): Not normally required

PROTECTIVE GLOVES (type): Plastic or rubber

LOCAL EXHAUST VENTILATION (rate): Not normally required

EYE PROTECTION: (type): Glasses, goggles or face shield

MECHANICAL VENTILATION (rate): N/A

OTHER PROTECTIVE EQUIPMENT: As necessary to minimize exposure

SPECIAL VENTILATION: N/A

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 176°F  
SPECIFIC GRAVITY: (Water = 1): 0.991  
VAPOR PRESSURE: No data  
VOLATILE BY VOLUME: < 20% (not including water)  
VAPOR DENSITY: (Air = 1): > 1  
EVAPORATION RATE: (Ethyl Ether = 1): < 1  
SOLUBILITY IN WATER: Completely miscible  
pH (100%): 9.76  
APPEARANCE & ODOR: Pink liquid, alcohol odor

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## 10. STABILITY AND REACTIVITY

STABILITY: Stable.  
CONDITIONS TO AVOID: Avoid high temperatures and ignition sources.  
INCOMPATIBILITY (materials to avoid): Strong oxidizing agents.  
HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion include oxides of carbon and sulfur.  
HAZARDOUS POLYMERIZATION: Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

Refer to Section 3 for available information on potential health effects.

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## 12. ECOLOGICAL INFORMATION

Data not available.

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## 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 dealt with by a licensed facility or waste hauler.

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## 14. TRANSPORT INFORMATION

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

Flammable Liquid, N.O.S. (Isopropanol) Class 3/III/UN1993 CFR 49 exemptions may apply

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## 15. REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION RULE 29 CFR 1910.1200: Not applicable.

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

CERCLA (Comprehensive Response compensation and Liability Act, 40 CFR 117, 302: Not applicable.

SARA TITLE III (Superfund Amendments and Authorization Act): Section 311/312 – Not applicable.

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## 16. OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION CODES (NFPA):

HEALTH: 1                      FLAMMABILITY: 2  
REACTIVITY: 0

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS):

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

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