

**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**  
**LENS CLEANING WIPES / #4010**  
**SEPTEMBER 2009**  
**PAGE 1**

|            |      |
|------------|------|
| HEALTH     |      |
| FIRE       | High |
| REACTIVITY |      |
| P P F      |      |

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

**SECTION 1 – Chemical and Company Identification**

**CHEMICAL NAME:** Solution, Mixed  
**CHEMICAL FAMILY:** N/A **CHEMICAL FORMULA:** N/A

**SECTION 2 – Composition on Ingredients**

| NAME              | CAS #     | TLV/TWA | PEL     |
|-------------------|-----------|---------|---------|
| Isopropyl Alcohol | 67-63-0   | 400 PPM | 400 PPM |
| Sodium Laureth    | 151-21-3  |         |         |
| Water             | 7732-18-5 |         |         |

**SECTION 3 – Hazards Information**

**ROUTE(S) OF ENTRY:** Absorption through skin, inhalation of vapors, and by ingestion  
**SIGNS/SYMPTOMS OF OVEREXPOSURE:**  
**EYES:** May cause irritation.  
**SKIN:** May cause redness.  
**INHALATION:** May cause irritation. A harmful contamination of the air can be reached quickly on evaporation at 20°C.  
**INGESTION:** May cause dizziness, loss of coordination, headache, confusion, coma, abdominal pain, vomiting or diarrhea.  
**ACUTE/CHRONIC HEALTH HAZARDS:** The substance may irritate the eyes, the skin and the respiratory tract. The substance may cause effects on the central nervous system resulting in depression. Exposure far above the PEL may result in unconsciousness. The effects may be delayed. Medical observation is indicated.  
**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Repeated or prolonged contact with skin may cause dermatitis. Use of alcoholic beverages enhances the harmful effect.  
**CARCINOGENICITY OSHA: ACGIH: NTP: IARC:**  
**CSCA STATUS:**

**SECTION 4 – First Aid Measures**

**EYES:** Flush eyes with large amounts of water for at least 15 minutes. Get immediate treatment by a physician  
**SKIN:** Remove contaminated clothes. Wash with soap and water  
**INGESTION:** DO NOT induce vomiting. Get immediate treatment by a physician.  
**INHALATION:** Move to fresh air, give artificial respiration, if needed. Provide oxygen if breathing is difficult. Get immediate treatment by a physician.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT:** 106 °F **METHOD USED:** **FLAMMABLE LIMITS:**  
**EXPLOSION:** Vapor/air mixtures are explosive. Use water spray to disperse vapor.  
**EXTINGUISHING MEDIA:** Carbon dioxide or powder for small fires. Alcohol resistant foam for large fires.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Handle as flammable liquid  
**UNUSUAL FIRE/EXPLOSIVE HAZARDS:**  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Highly flammable. Keep away from open flames, and sparks.  
**PPE for FIRE FIGHTERS:** Respiratory protection required.

**SECTION 6 – Accidental Release Measures**

**ACCIDENTAL RELEASE MEASURES:** In case material is released or spilled; wear self-contained breathing apparatus, rubber boots and gloves.

**PROCEDURE FOR SPILL OR LEAK CLEANUP:** Wear appropriate PPE. Absorb with sand and scoop to container for proper disposal. Dispose of surplus as hazardous waste. Evacuate danger area. Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or insert absorbent and remove to safe place.

**SECTION 7 – Handling and Storage**

**HANDLING AND STORAGE:** Flame resistant storage cabinet. Store in tight containers in a cool dry place away from light and heat.  
**OTHER PRECAUTIONS: PPE:** Due to small amounts, dispensed to clean glasses, protective equipment is optional. Use protective goggles and gloves if handling large quantities.

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

**VENTILATION:** Adequate ventilation when handling  
**EYE PROTECTION:** Safety goggles  
**SKIN PROTECTION:** Protective gloves  
**RESPIRATORY PROTECTION:** Respiratory protection if handled in large quantities, or adequate ventilation.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** In small amounts protective equipment is recommended.  
**WORK & HYGENIC PRACTICES:** Safety shower and eye bath

**SECTION 9 – Physical and Chemical Properties**

**APPEARANCE/ODOR:** Clear liquid, with alcohol odor  
**EVAPORATION RATE:** 1.25 **VISCOSITY:** N/A  
**SOLUBILITY IN WATER:** Complete **SPECIFIC GRAVITY (H20=1):** 0.9695  
**PERCENT VOLATILE):** N/A **MELTING POINT:** -90°C  
**VAPOR DENSITY (AIR=1):** 2.1 **BOILING POINT:** 180-212 F; 83°C  
**VAPOR PRESSURE (mmHg):** 32.8 at 20°C **REFRACTIVE INDEX:** N/A  
**WATER CONTENT:** 80% **RELATIVE DENSITY:** 0.79 (water=1) 1.05 (air=1)

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Stable  
**INCOMPATIBILITY (MATERIAL TO AVOID):** Separate from strong oxidants, acetaldehyde, chlorine, ethylene oxide acids, isocyanates.  
**CONDITIONS TO AVOID: (STABILITY):** High temperatures  
**HAZARDOUS POLYMERIZATION:** N/A  
**HAZARDOUS DECOMPOSITION/BY-PRODUCTS:** N/A  
**CONDITIONS TO AVOID:** N/A

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**SECTION 11 – Toxicological Information**

**TOXICOLOGICAL INFORMATION:** Carcinogenicity Data: There has been an increased incidence of cancer in the manufacture of Isopropyl Alcohol by the strong acid process, involving the formation of Isopropyl Oils. It is not clear which substances are responsible.

**SECTION 12 – Ecological Information**

No Data Available

**SECTION 13 – Disposal Consideration**

**WASTE DISPOSAL METHOD:** Dispose of in accordance with laws and regulations. Dissolve or mix the material with a compatible solution. Dispose of solution. Burn in an EPA licensed chemical incinerator. It is strongly advised not to let the chemical enter into the environment.

**SECTION 14 – Transport Information**

**Proper Shipping Name:** Cleaning Solution  
**Transport Emergency Card:** TEC ('R') -544  
**Packing Group** II  
**UN Number** 1219  
**Reportable Quantity** N/A  
**Notes:** N/A

**SECTION 15 – Regulatory Information**

**ICSC:** 0554 **RTECS:** NT8050000

**SECTION 16 – Other Information**

**OTHER INFORMATION:** None

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