



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	4010	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	LENS CLEANING WIPES	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Pre-moistened Lens Cleaning Packets	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> The information is for the liquid absorbed onto the wipe when used in an industrial setting. The wipe itself is considered a consumer good and when used as intended is unlikely to present a hazard. <b>Serious eye damage/eye irritation:</b> Category 2 <b>Specific target organ toxicity (single exposure):</b> Category 3 <b>Flammable Liquids:</b> Category 2	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>		
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### HAZARD STATEMENTS:

Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Highly flammable liquid and vapor.

### PRECAUTIONARY STATEMENTS:

**Prevention:** Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. IN CASE OF FIRE: Use CO<sub>2</sub>, dry chemical or foam for extinction.

**Storage:** Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

**Disposal:** Dispose of contents/container to an approved waste disposal plant.

### HAZARDS NOT OTHERWISE SPECIFIED:

Causes mild skin irritation.

### ADDITIONAL INFORMATION:

Not applicable.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Isopropyl Alcohol	67-63-0	20-30
Ethylene Glycol Monobutyl Ether	111-76-2	1-10

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**SKIN:** Wash with soap and water. If irritation persists or an allergic reaction occurs, call a physician.

### INHALATION:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. If symptoms persist, call a physician.

### INGESTION:

Do not induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to a person who is unconscious or convulsing. Consult a physician.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Causes serious eye irritation. Causes mild skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause nausea, vomiting, stomachache and diarrhea. Ingestion may cause central nervous system depression.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

**Notes to Physician:** Treat symptomatically.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

Not determined.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Flammable.

### HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon oxides.

**Sensitivity to Mechanical Impact:** Not sensitive.

**Sensitivity to Static Discharge:** Yes.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. Accidental Release Measures****PERSONAL PRECAUTIONS:**

Use personal protective equipment as required. Avoid contact with eyes and skin. Remove all sources of ignition.

**ENVIRONMENTAL PRECAUTIONS:**

See Section 12 for additional Ecological Information.

**METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up:** Use personal protective equipment as required. Wipe or soak up with absorbent material for disposal. Pick up and transfer to properly labeled containers.

**7. Handling and Storage****SAFE HANDLING:**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear appropriate personal protective equipment. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep out of the reach of children.

**SAFE STORAGE & INCOMPATIBILITIES:**

**Storage Conditions:** Keep away from incompatible materials, open flames and high temperatures. Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children.

**Incompatible Materials:** Strong oxidizing agents. Acids. Chlorinated compounds.

**8. Exposure Controls / Personal Protection****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol (67-63-0)	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>

**PERSONAL PROTECTIVE EQUIPMENT:**

**Eye/Face Protection:** Avoid contact with eyes.

**Skin/Body Protection:** Protective gloves.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations:** Do not eat, drink or smoke when using this product. Remove and wash contaminate clothing before reuse. Provide regular cleaning of equipment, work areas and clothing.

**9. Physical & Chemical Properties**

<b>Appearance:</b>	Liquid absorbed onto a towelette.	<b>Flammability(solid/gas):</b>	Not determined.
<b>Physical State:</b>	Solid containing liquid.	<b>Flammability Limit-lower (%):</b>	No information available.
<b>Color:</b>	Colorless.	<b>Flammability Limit-upper (%):</b>	No information available.
<b>Odor:</b>	Mild alcohol odor.	<b>Vapor Density:</b>	No information available.
<b>Odor Threshold:</b>	No information available.	<b>Vapor Pressure:</b>	No information available.
<b>pH:</b>	7	<b>Solubility (water):</b>	No information available.
<b>Melting/Freezing Point:</b>	No information available.	<b>Solubility in other solvents:</b>	No information available.
<b>Boiling Point/Range:</b>	No information available.	<b>Auto-Ignition Temp:</b>	No information available.
<b>Flash Point:</b>	12°C/54°F	<b>Decomposition Temp:</b>	No information available.
<b>Specific Gravity:</b>	No information available.	<b>Partition Coeff(n-octanol/water):</b>	Not determined.
<b>Evaporation Rate:</b>	No information available.	<b>Explosive Properties:</b>	Not determined.
<b>Kinematic Viscosity:</b>	Not determined.	<b>Oxidizing Properties:</b>	Not determined.
<b>Dynamic Viscosity:</b>	Not determined	<b>VOC Content:</b>	No information available.

**10. Stability & Reactivity Information****REACTIVITY:**

Not reactive under normal conditions.

**CHEMICAL STABILITY:**

Stable under recommended storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

Hazardous polymerization does not occur.

**CONDITIONS TO AVOID:**

Heat, flames and sparks. Incompatible Materials.

**INCOMPATIBLE MATERIALS:**

Strong oxidizing agents. Acids. Chlorinated compounds.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon oxides.

**11. Toxicological Information****PRIMARY ROUTE OF ENTRY:****Eyes:** Causes serious eye damage.**Skin:** Causes mild skin irritation.**Inhalation:** Do not inhale.**Ingestion:** Do not ingest.**COMPONENT INFORMATION:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol (67-63-0)	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rat) = 12870 mg/kg (Rabbit)	= 72.6 mg/L (Rat) 4 h
Ethylene Glycol Monobutyl Ether (111-76-2)	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h

**INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS:****Symptoms:** Please see section 4 of this SDS for symptoms.**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:****Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol (67-63-0)		Group 3		X
Ethylene Glycol Monobutyl Ether (111-76-2)	A3	Group 3		

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 3 IARC components are "not classifiable as human carcinogens"

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**STOT - SINGLE EXPOSURE:**

May cause respiratory irritation. May cause drowsiness or dizziness.

**CHRONIC TOXICITY:**

Avoid repeated exposure. Contains a known or suspected reproductive toxin.

**NUMERICAL MEASURES OF TOXICITY:**

Not determined.

**12. Ecological Information****ECOTOXICITY:**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Isopropyl Alcohol (67-63-0)	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50		13299: 48 h Daphnia magna mg/L EC50
Ethylene Glycol Monobutyl Ether (111-76-2)		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50

**PERSISTENCE AND DEGRADABILITY:**

Not determined.

**BIOACCUMULATIVE POTENTIAL:**

Not determined.

**MOBILITY IN SOIL:**

Chemical Name	Partition Coefficient
Isopropyl Alcohol (67-63-0)	0.05
Ethylene Glycol Monobutyl Ether (111-76-2)	0.81

**OTHER ADVERSE EFFECTS:**

Not determined.

### 13. Disposal Consideration

#### DISPOSAL INSTRUCTIONS:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional or local regulations for additional requirements.

#### CONTAMINATED PACKAGING:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### CALIFORNIA HAZARDOUS WASTE STATUS:

Chemical Name	California Hazardous Waste Status
Isopropyl Alcohol (67-63-0)	Toxic Ignitable

### 14. Transportation Information

**NOTE:** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT:** Not regulated.

**IATA:** Not regulated.

**IMDG:** Not regulated.

### 15. Regulatory Information

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Isopropyl Alcohol (67-63-0)	Present	X		Present		Present	X	Present	X	X
Ethylene Glycol Monobutyl Ether (111-76-2)	Present	X		Present		Present	X	Present	X	X

#### LEGEND:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

#### US FEDERAL REGULATIONS:

##### CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### SARA 311/312 HAZARD CATEGORIES:

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### SARA 313:

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropyl Alcohol (67-63-0)	67-63-0	27	1.0
Ethylene Glycol Monobutyl Ether (111-76-2)	111-76-2	3.72	1.0

#### CWA (CLEAN WATER ACT):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### US STATE REGULATIONS

**CALIFORNIA PROPOSITION 65:** This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol (67-63-0)	X	X	X
Ethylene Glycol Monobutyl Ether (111-76-2)	X	X	X

### 16. Other Information

#### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.