

SAFETY DATA SHEET

1. Product and Company Identification

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

2. Hazards Identification

GHS CLASSIFICATION:
Flammable Liquids: Category 2

SIGNAL WORD:
DANGER

SYMBOL:



HAZARD STATEMENTS:

Highly flammable liquid and vapor.

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking Keep container tightly closed
Ground/bond container and receiving equipment

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Wear protective gloves/eye protection/face protection

Response: SKIN IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

Fire: In case of fire: Use CO2, dry chemical, or foam to extinguish

Storage: Store in a well-ventilated place. Keep cool

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

OTHER INFORMATION: Toxic to aquatic life.

UNKNOWN ACUTE TOXICITY:

0 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. Composition / Information on Ingredients

Chemical Name	CAS	Weight %	Hazardous Material Information Review Act registry number (HMIRA registry#)	Date HMIRA filed and date exemption granted (if applicable)
Ethyl Alcohol	67-17-5	10-30%	-	-

Substance: Not applicable.

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

EMERGENCY OVERVIEW

INHALATION:

Remove to fresh air.

EYE CONTACT:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

SKIN CONTACT:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

INGESTION:

Clean mouth with water and drink afterwards plenty of water.

SELF-PROTECTION OF THE FIRST AIDER:

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See Section 8 for more information.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms No information available.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Notes to Physicians: Treat symptomatically.

5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA:

Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

LARGE FIRE:

CAUTION: Use of water spray when fighting fire may be inefficient.

UNSUITABLE EXTINGUISHING MEDIA:

Do not scatter spilled material with high pressure water streams.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon oxides.

EXPLOSION DATA:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: Yes.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental Release Measures**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES****PERSONAL PRECAUTIONS:**

Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other Information: Ventilate the area.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Methods for Containment: Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches, and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for Cleaning Up: Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. Handling and Storage**PRECAUTIONS FOR SAFE HANDLING****ADVICE ON SAFE HANDLING:**

Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire, or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

CONDITIONS FOR SAFE STORAGE. INCLUDING ANY INCOMPATIBILITIES:

Storage Conditions: Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

8. Exposure Controls / Personal Protection**CONTROL PARAMETERS****EXPOSURE LIMITS:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³

Chemical Name	Alberta	British Columbia	Ontario TWA EV	Quebec
Ethyl Alcohol	TWA: 1000 ppm TWA: 1880 mg/m ³	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm

OTHER EXPOSURE GUIDELINES:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

APPROPRIATE ENGINEERING CONTROLS**ENGINEERING CONTROLS:**

Showers
Eyewash stations
Ventilation systems.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: Tight sealing safety goggles.

Hand Protection: Wear suitable gloves. Impervious gloves.

Skin/Body Protection: Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

9. Physical & Chemical Properties

Physical State:	Pre-Moistened Towelette (no free liquids); Solid	Water Solubility:	Cloth not soluble
Appearance:	White	Solubility(ies):	No data available.
Odor:	Alcohol	Partition Coefficient (n-octanol/water):	No data available.
Color:	No information available.	Auto-Ignition Temperature:	No data available.
Odor Threshold:	No information available.	Decomposition Temperature:	No data available.
pH:	No data available.	Kinematic Viscosity:	No data available.
Melting/Freezing Point:	No data available.	Dynamic Viscosity:	No data available.
Boiling Point/Range:	No data available.	Explosive Properties:	No information available.
Flash Point:	73°F	Oxidizing Properties:	No information available.
Evaporation Rate:	No data available.	Softening Point:	No information available.
Flammability(solid/gas):	No data available.	Molecular Weight:	No information available.
Flammability Limit in Air:	No data available.	VOC Content (%):	No information available.
Upper Flammability Limit:	No data available.	Liquid Density:	No information available.
Lower Flammability Limit:	No data available.	Bulk Density:	No information available.
Vapor Pressure:	No data available.	Particle Size:	No information available.
Vapor Density:	No data available.	Particle Size Distribution:	No information available.
Relative Density:	No data available.		

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

No information available.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal processing.

HAZARDOUS POLYMERIZATION:

Hazardous polymerization does not occur.

CONDITIONS TO AVOID:

Heat, flames and sparks.

INCOMPATIBLE MATERIALS:

None known based on information supplied.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon oxides.

11. Toxicological Information**INFORMATION ON LIKELY ROUTES OF EXPOSURE:****PRODUCT INFORMATION:****Inhalation:** Specific test data for the substance or mixture is not available.**Eye contact:** Specific test data for the substance or mixture is not available.**Skin contact:** Specific test data for the substance or mixture is not available.**Ingestion:** Specific test data for the substance or mixture is not available.**SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL, AND TOXICOLOGICAL CHARACTERISTICS:****Symptoms:** No information available.**NUMERICAL MEASURES OF TOXICITY****ACUTE TOXICITY:**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 12,836.40 mg/kg**ATEmix (inhalation-dust/mist):** 212.50 mg/L**UNKNOWN ACUTE TOXICITY:**

0 % of the mixture consists of ingredient(s) of unknown toxicity

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Product Information**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl alcohol	= 7060 mg/kg (Rat)	-	= 116.9 mg/L (Rat) 4h = 133.8 mg/L (Rat) 4h

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:**Skin corrosion/irritation:** No information available.**Serious eye damage/eye irritation:** No information available.**Respiratory or skin sensitization:** No information available.**Germ cell mutagenicity:** No information available.**Carcinogenicity:** No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret	A3	Group 1	Known	X

LEGEND:**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor) X- Present**REPRODUCTIVE TOXICITY:**

No information available.

STOT - SINGLE EXPOSURE:

No information available.

STOT - REPEATED EXPOSURE:

No information available.

ASPIRATION HAZARD:

No information available.

12. Ecological Information**ECOTOXICITY:**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethyl alcohol	No data available	96h LC ₅₀ : 12.0 - 16.0 ml/L (Oncorhynchus mykiss) 96h LC ₅₀ : 13400 - 15100 mg/L (Pimephales promelas) 96h LC ₅₀ : > 100 mg/L (Pimephales promelas)	EC ₅₀ = 34634 mg/L 30 min EC ₅₀ = 35470 mg/L 5 min	48h LC ₅₀ : 9268 - 14221 mg/L (Daphnia magna) 48h EC ₅₀ : = 2 mg/L (Daphnia magna)

PERSISTENCE AND DEGRADABILITY:

No information available.

BIOACCUMULATION**COMPONENT INFORMATION:**

Chemical Name	Partition Coefficient
Ethyl alcohol	-0.32

MOBILITY:

No information available.

OTHER ADVERSE EFFECTS:

No information available.

13. Disposal Consideration**WASTE TREATMENT METHODS****WASTE FROM RESIDUES/UNUSED PRODUCTS:**

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

CONTAMINATED PACKAGING:

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld large containers.

California Waste Codes: 561

This product contains one or more substances that are listed with the State of California as hazardous waste.

Chemical Name	California Hazardous Waste
Ethyl alcohol	Toxic Ignitable

14. Transportation Information

DOT: Not regulated due to: Special Provision 47 (Alcohol N.O.S. Solids containing flammable liquid in sealed packages, containing less than 10ml are exempt provided there is no free liquid in the packet.)

TDG: Not applicable.

MEX: Not applicable.

ICAO: Not applicable.

IATA: Not applicable.

IMDG: Not regulated.

Hazard Class: N/A

RID: Not applicable.

ADR: Not applicable.

ADN: Not applicable.

15. Regulatory Information**SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE****INTERNATIONAL REGULATIONS:**

The Montreal Protocol on Substances that Deplete the Ozone Layer: Not applicable.

The Stockholm Convention on Persistent Organic Pollutants: Not applicable.

The Rotterdam Convention: Not applicable.

INTERNATIONAL INVENTORIES:

TSCA: Contact supplier for inventory compliance status.

DSUNDSL: Contact supplier for inventory compliance status.

EINECS/ELINCS: Contact supplier for inventory compliance status.

ENCS: Contact supplier for inventory compliance status.

KECL: Contact supplier for inventory compliance status.

PICCS: Contact supplier for inventory compliance status.

AICS: Contact supplier for inventory compliance status.

LEGEND:

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

DSL/NDL - 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:

SARA313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories:

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

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)

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). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US STATE REGULATIONS

CALIFORNIA PROPOSITION 65:

Not applicable.

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ethyl alcohol	X	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.