



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	4161301	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	LENS WIPES	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Premoistened Lens Cleaning Wipes	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS US CLASSIFICATION:

Flam. Liq. 3 H226

SIGNAL WORD:

Warning

SYMBOL:



HAZARD STATEMENTS:

Flammable liquid and vapour.

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves, eye protection.

Response: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use extinguishing powder, foam, Water fog, Water spray to extinguish.

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

Disposal: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

OTHER HAZARDS

No additional information available.

UNKNOWN ACUTE TOXICITY (GHS US):

Not applicable.

3. Composition / Information on Ingredients

Chemical Name	CAS	%	GHS US classification
ISOPROPANOL (COMPONENT)	67-63-0	1 – 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Substances: Not applicable.

4. First Aid Measures

DESCRIPTION OF FIRST AID MEASURES:

First-aid measures general: If you feel unwell, seek medical advice.

First-aid measures after eye contact: Rinse eyes with water as a precaution.

First-aid measures after skin contact: Rinse skin with water/shower. Take off immediately all contaminated clothing.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after ingestion: Call a poison center or a doctor if you feel unwell.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/effects after inhalation: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact: None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/effects after eye contact: None under normal conditions. Dust from this product may cause eye irritation.

Symptoms/effects after ingestion: None under normal conditions.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Treat symptomatically.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA:

Suitable Extinguishing Media: Water spray. Dry powder. Foam

Unsuitable Extinguishing Media: DO NOT USE A HEAVY WATER STREAM.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Fire Hazard: Flammable liquid and vapour.

Explosion Hazard: No direct explosion hazard.

Reactivity: Upon combustion: CO and CO₂ are formed. Flammable liquid and vapour.

ADVICE FOR FIREFIGHTERS:

Firefighting Instructions: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection During Firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

General Measures: Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

FOR NON-EMERGENCY PERSONNEL:

Protective Equipment: Wear recommended personal protective equipment.

Emergency Procedures: Ventilate spillage area. No open flames, no sparks, and no smoking.

FOR EMERGENCY RESPONDERS:

Protective Equipment: Do not attempt to take action without suitable protective equipment. For further information refer to Section 8:

"Exposure controls/personal protection".

Emergency Procedures: Evacuate unnecessary personnel.

ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

For Containment: Using a clean shovel, put the material in a dry container and cover without compressing it.

Methods for Cleaning Up: Mechanically recover the product. Notify authorities if product enters sewers or public waters.

Other Information: Dispose of materials or solid residues at an authorized site.

REFERENCE TO OTHER SECTIONS:

For further information refer to Section 13.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING

Additional Hazards when Processed: Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for Safe Handling: Ensure good ventilation of the workstation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment.

Hygiene Measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Technical Measures: Ground/bond container and receiving equipment.

Storage Conditions: Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Heat and Ignition Sources: KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources.

Information on Mixed Storage: KEEP SUBSTANCE AWAY FROM: oxidizing agents.

Packaging Materials: Store always product in container of same material as original container.

8. Exposure Controls / Personal Protection

CONTROL PARAMETERS

2-propanol (67-63-0)		
ACGIH	ACGIH OEL TWA	200 ppm
ACGIH	ACGIH OEL STEL	400 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
OSHA	OSHA PEL (TWA)	980 mg/m ³
OSHA	OSHA PEL (TWA)	400 ppm

EXPOSURE CONTROLS

PERSONAL PROTECTIVE EQUIPMENT: Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses. Wear protective gloves. Wear protective clothing.



Hand Protection: Protective gloves.

Eye Protection: Safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental Exposure Controls: Avoid release to the environment.

APPROPRIATE ENGINEERING CONTROLS:

Ensure good ventilation of the workstation.

9. Physical & Chemical Properties

Appearance:	Premoistened wipe.	Flammability:	No data available.
Physical State:	Solid.	Explosive Properties:	No data available.
Odor:	Mild odor.	Explosive Limits:	No data available.
Odor Threshold:	No data available.	Oxidizing Properties:	No data available.
Melting Point:	No data available.	Vapor Pressure:	No data available.
Freezing Point:	Not applicable.	Auto-Ignition Temp:	No data available.
Boiling Point:	No data available.	Relative Vapor Density at 20°C	No data available.
Viscosity:	No data available.	Relative Density:	No data available.
Viscosity, kinematic:	Not applicable.	Decomposition Temp:	No data available.
Viscosity, dynamic:	No data available.	Solubility:	Liquid component is soluble in water.
Partition coefficient n-octanol/water (Log Pow):	No data available.	VOC Content:	< 3% Tested using the liquid component of the towelette.
Partition coefficient n-octanol/water (Log Kow):	No data available.	Flash Point:	132°F Closed cup - Tested using the liquid component of the towelette.
Relative Evaporation Rate (butyl acetate=1):	No data available.	pH:	9 – 10 Tested using the liquid component of the towelette.

10. Stability & Reactivity Information

REACTIVITY:

Upon combustion: CO and CO₂ are formed. Flammable liquid and vapour.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

Refer to Section 10 on Reactivity.

CONDITIONS TO AVOID:

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

INCOMPATIBLE MATERIALS:

No additional information available.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: Not classified.

2-propanol (67-63-0)	
LD50 oral rat	5840 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	16400 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat [ppm]	>10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE CLP (oral)	5840 mg/kg body weight
ATE CLP (dermal)	16400000 mg/kg body weight

SKIN CORROSION/IRRITATION:

Not classified.

pH: 9 – 10 Tested using the liquid component of the towelette.

SERIOUS EYE DAMAGE/IRRITATION:

Not classified.

pH: 9 – 10 Tested using the liquid component of the towelette.

RESPIRATORY OR SKIN SENSITIZATION:

Not classified.

GERM CELL MUTAGENICITY:

Not classified.

CARCINOGENICITY:

Not classified.

Isopropanol (67-63-0)	
IARC group	3 - Not classifiable

REPRODUCTIVE TOXICITY:

Not classified.

STOT-SINGLE EXPOSURE:

Not classified.

STOT-REPEATED EXPOSURE:

Not classified.

ASPIRATION HAZARD:

Not classified.

SYMPTOMS/EFFECTS AFTER INHALATION:

None under normal use.

SYMPTOMS/EFFECTS AFTER SKIN CONTACT:

Contact during a long period may cause slight irritation.

SYMPTOMS/EFFECTS AFTER EYE CONTACT:

Direct contact with the eyes is likely to be irritating.

SYMPTOMS/EFFECTS AFTER INGESTION:

Gastrointestinal complaints.

LIKELY ROUTES OF EXPOSURE:

Skin and eye contact.

12. Ecological Information

TOXICITY:

Ecology - General: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Isopropanol (67-63-0)	
LC50 - Fish [1]	9640 – 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
LC50 - Fish [2]	9640 mg/l Test organisms (species): Pimephales promelas

PERSISTENCE AND DEGRADABILITY:

Isopropanol (67-63-0)	
Persistence and degradability	Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.19 g O ₂ /g substance
Chemical oxygen demand (COD)	2.23 g O ₂ /g substance
ThOD	2.4 g O ₂ /g substance

BIOACCUMULATIVE POTENTIAL:

Isopropanol (67-63-0)	
BCF - Fish [1]	1015 (BCFBAF v3.01, Estimated value)
Partition coefficient n-octanol/water (Log Pow)	0.05 (Weight of evidence approach, 25°C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

13. Disposal Consideration**WASTE TREATMENT METHODS:**

Regional Waste Regulation: Disposal must be done according to official regulations.

Waste Treatment Methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage Disposal Recommendations: Disposal must be done according to official regulations.

Product/Packaging Disposal Recommendations: Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.

Additional Information: Flammable vapours may accumulate in the container. Do not re-use empty containers.

14. Transportation Information

DOT: In accordance with DOT: Not regulated for transport.

Additional Information

Other information: No supplementary information available.

ADR: No additional information available.

IATA: Air Transport: No additional information available

IMDG: Transport by Sea: No additional information available.

15. Regulatory Information

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

16. Other Information

Training Advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

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.