



# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** Pyramex Pre-Moistened Lens Wipes

**Other means of identification**

**SDS #** PYR-002

**Product Numbers** LCC100

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Lens cleaner, Instrument Care, Water Base Cleaner

**Details of the supplier of the safety data sheet**

**Supplier Address**  
 Pyramex Safety Products LLC  
 281A Moore Lane  
 Collierville, TN 38017

**Emergency Telephone Number**

**Company Phone Number** 1-901-861-6100  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

NFPA	HMIS	PPE	Transport Symbol				
	<table border="1"> <tr><td>Health Hazard</td></tr> <tr><td>Fire Hazard</td></tr> <tr><td>Physical Hazard</td></tr> <tr><td>Personal Protection</td></tr> </table>	Health Hazard	Fire Hazard	Physical Hazard	Personal Protection		
Health Hazard							
Fire Hazard							
Physical Hazard							
Personal Protection							

**Potential Health Effects**

**Principal Routes of Exposure** Skin contact.

**Acute Toxicity**

<b>Eyes</b>	Vapor may cause irritation.
<b>Skin</b>	May be harmful in contact with skin. May cause irritation.
<b>Inhalation</b>	May be harmful if inhaled. Avoid breathing vapors or mists. May cause irritation of respiratory tract. May cause central nervous system depression with nausea, headache, dizziness, vomiting and incoordination.
<b>Ingestion</b>	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Effects** Avoid repeated exposure. Contains a known or suspected reproductive toxin.

**Aggravated Medical Conditions** Central nervous system. Preexisting eye disorders. Blood disorders. Kidney disorders. Liver disorders. Overexposure may cause female and male reproductive disorder(s). Skin disorders. Respiratory disorders.

**Interactions w/ Other Chemicals** Use of alcoholic beverages may enhance toxic effects.

**Environmental Hazards** See section 12

**3. INGREDIENTS (wetting solution only)**

Chemical Name	CAS No.	% by Weight
Water	7732-18-5	75 - 90
Isopropyl Alcohol	67-63-0	10 - 25
Benzyl Amonium Chloride	68391-01-5	<1
Denatured Ethyl Alcohol	64-17-5	<0.5

**4. FIRST-AID MEASURES**

**Eye Contact** Rinse Immediately with plenty of clean water, also under eyelids, for at least 15 minutes. Keep eyes wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact** Wash with soap and water. If irritation persists, or allergic reaction occurs, call a physician.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, 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 an unconscious person. Consult a physician.

**Notes to Physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Flammable Properties** Combustible material.

**Flash Point (°F) – Closed Cup** 91°

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

**Hazardous Byproducts of Combustion** Carbon oxides

**Explosion Data**  
**Sensitivity to Mechanical Impact** Not sensitive  
**Sensitivity to Static Discharge** Yes

**Protective Equipment** Wear self contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear.

**Special Precautions** Solvent vapors may cause flashback

**NFPA** Health Hazard: 1 Flammability: 3 Stability: 0

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment. Avoid contact with skin and eyes. Remove all sources of ignition.

**Methods and material for containment and cleaning up**

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

**Methods for Clean-Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and clothing. Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed. Keep away from open flames. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children.

**Incompatible Materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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>

**Engineering Measures** Showers. Eyewash Stations. Ventilation Systems

**Personal Protective Equipment**

**Eye & Face Protection** No special equipment required

**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.

**Hygiene Measures** When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Appearance .....White solid  
 Odor .....Mild alcohol scent  
 Odor Threshold.....no information available  
 Physical State .....Solid. Solid containing liquid. Moist paper.  
 pH .....7\*  
 Flash Point (°F) – Closed Cup.....91°  
 Auto-ignition Temperature.....no information available  
 Decomposition Temperature .....no information available  
 Boiling Point .....no information available  
 Melting Point .....no information available  
 Flammability Limits in Air .....no information available  
 Explosion Limits .....no information available  
 Water Solubility.....no information available  
 Solubility .....Soluble\*  
 Evaporation Rate .....no information available  
 Vapor Pressure .....no information available  
 Vapor Density.....no information available  
 Specific Gravity (@20°C).....0.97\*  
 VOC Content .....<20%\*

\* tested using liquid component of towelette

**10. STABILITY AND REACTIVITY**

**Stability** Stable under recommended storage conditions  
**Incompatible Products** Strong oxidizing agents. Acids. Chlorinated compounds  
**Conditions to Avoid** Heat. Flames. Sparks  
**Hazardous Byproducts of Decomposition** Carbon Oxides  
**Hazardous Reactions** Hazardous polymerization does not occur  
**Hazardous Polymerization** Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

**Product Information**

Chemical Name	LD50 Oral	LD50 Dermal	LD50 Inhalation
Water	90 mL/kg (Rat)		
Isopropyl Alcohol	4396 mg/kg (Rat)	12800 mg/kg (Rat) 12870 mg/kg (Rabbit)	72.6 mg/L (Rat) 4h

**Chronic Toxicity**

**Chronic Toxicity** Avoid repeated exposure. Contains a known or suspected reproductive toxin.

**Carcinogenicity**

Chemical Name	ACGIH	IARC	NTP	OSHA
none				

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated. Ecotoxicity effects of component substances follows:

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Isopropyl Alcohol	EC50 > 1000mg/L 72h EC50 > 1000mg/L 96h	LC50=61200 mg/L Pimephales promelas 96h LC50=94900 mg/L Pimephales promelas 96h LC50=9640 mg/L Pimephales promelas 96h	EC50 > 35390 mg/L 5 min.	EC50 = 13299 mg/L 48h

Chemical Name	Log Pow
Isopropyl Alcohol	=0.05 25A°C

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

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.

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

Chemical Name	California Hazardous Waste Status
Isopropyl Alcohol	Toxic. Ignitable.

**14. TRANSPORT 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

**TDG**

Not regulated

**MEX**

Not regulated

**ICAO**

Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL</b>	Does not comply
<b>NDSL</b>	Does not comply
<b>EINECS</b>	Does not comply
<b>ELINCS</b>	Does not comply
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Does not comply
<b>KECL</b>	Does not comply
<b>PICCS</b>	Does not comply
<b>AICS</b>	Does not comply

**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**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, part 372.

Chemical Name	CAS No.	% by Weight	SARA 313 - Threshold Values
			%
Isopropyl Alcohol	67-63-0	10-30	1.0

**SARA 313 / 312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden Pressure Release Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This Product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Isopropyl Alcohol				X

**Clean Air Act, Sec. 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following substances which are listed hazardous air pollutants (HAPs) under Sec. 112 of the Clean Air Act.

Chemical Name	CAS No.	% by Weight	HAPs Data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
none						

**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.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	MA	NJ	PA	IL	RI
Isopropyl Alcohol	X	X	X		X

**International Regulations**

Mexico – Grade Moderate risk – Grade 2

Chemical Name	Carcinogen Status	Exposure Limits
Isopropyl Alcohol		Mexico: TWA=26ppm Mexico: TWA=120 mg/m <sup>3</sup> Mexico: STEL=360 mg/m <sup>3</sup> Mexico: STEL=75ppm

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR), and the MSDS contains all of the information required by the CPR.

**WHMIS Hazard Class**

B3 Combustible Liquid  
D2B Toxic materials



Chemical Name	National Pollutant Release Inventory
Isopropyl Alcohol	X

**16. OTHER INFORMATION**

Issue Date: 2/18/2013  
 Revision Date: 02/20/2015  
 Revision Note: New format

**Disclaimer**

The information provided in this Safety Data Sheet was obtained from sources which we believe are reliable. However, the information is provided without warranty, expressed or implied, regarding the accuracy or correctness.

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End of Safety Data Sheet