

# Safety Data Sheet

## LENS CLEAN

### SECTION 1. IDENTIFICATION

**Product Identifier** LENS CLEAN  
**Other Means of Identification** Lens cleaning fluid  
**Product Family** Ready to use  
**Recommended Use** Lens Cleaner. Spray and wipe.  
**Restrictions on Use** For industrial/professional use only.  
**Manufacturer** Maunco Cleaning Supplies Warehouse  
270 Adam Street  
Belleville, ON, K8N 5S4  
Canada  
613-962-0437  
www.maunco.com  
**Emergency Phone No.** not available

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Eye irritation - Category 2B

#### Label Elements

No symbol

Signal Word:

Warning

Hazard Statement(s):

Causes eye irritation.

Precautionary Statement(s):

Prevention:

Wash hands thoroughly after handling.

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.

#### Other Hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names

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Propanol-2	67-63-0	0.5-1.5	none	Isopropyl alcohol
Ether n-propylique du propylène glycol	1569-01-3	0.5-1.5	none	PnP glycol ether

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air.

#### Skin Contact

Wash with plenty of water. Clean clothing, shoes and leather goods.

#### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if redness persists.

#### Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

#### First-aid Comments

None other.

### Most Important Symptoms and Effects, Acute and Delayed

If in eyes: causes mild irritation.

### Immediate Medical Attention and Special Treatment

#### Target Organs

No further relevant information available.

#### Special Instructions

Not applicable.

#### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

Does not burn.

Not known to generate any hazardous decomposition products in a fire.

### Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary. This product contains 98% of water.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

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Small spills or leaks: no special clean-up methods are necessary. Large spills or leaks: stop or reduce leak if safe to do so. Cover the spill surface with the appropriate type of foam to reduce the release of vapour. Contact emergency services and manufacturer/supplier for advice.

#### Other Information

None other.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Wash hands thoroughly after handling. General Hygiene: When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Take off all contaminated clothing and wash it before reuse. Keep the container tightly closed. Avoid inhaling vapours or fumes from this product.

### Conditions for Safe Storage

Keep away from heat and frost. Store between 5°C and 45°C.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL®	
	TWA	STEL [C]	TWA	Ceiling	8-hr TWA	Short-term TWA [C]
Propanol-2	200 ppm	400 ppm	400 ppm			
Ether n-propylique du propylène glycol	Not established		Not established			

Consult local authorities for provincial exposure limits.

### Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### Skin Protection

Not required.

#### Respiratory Protection

Not required.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear green liquid.
Odour	Citrus
Odour Threshold	Not available
pH	9.8 - 10.4
Melting Point/Freezing Point	Not applicable (melting); ~ 100 °C (estimated) (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)

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<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	0.998 - 1.000
<b>Solubility</b>	Miscible in any proportion in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

None known.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

Hazardous Decomposition will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Propanol-2	17000 ppm (rat) (4-hour exposure)	4720 mg/kg (male rat)	12890 mg/kg (rabbit)
Ether n-propylique du propylène glycol	> 2450 ppm (rat) (4-hour exposure) (vapour)	2875 mg/kg (rat)	3535 mg/kg (rabbit)

Inhalation ATEmix = 214138ppm (4-hour exposure) (gas)

Oral ATEmix = 178670mg/kg

Dermal ATEmix = 277419 mg/kg

### Skin Corrosion/Irritation

Not a skin irritant.

### Serious Eye Damage/Irritation

There is limited evidence of mild irritation. Based on pH 10 symptoms include slight redness and pain.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Prolonged exposure may cause slight respiratory irritation.

#### Skin Absorption

Not expected.

**Ingestion**

No information was located.

**Aspiration Hazard**

Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

No information was located.

**Reproductive Toxicity****Development of Offspring**

No information was located.

**Sexual Function and Fertility**

No information was located.

**Effects on or via Lactation**

No information was located.

**Interactive Effects**

No information was located.

**Other Information**

ATE = Acute toxicity estimates.

Calculate by Canwrite function as per purple book GHC (chapter 3.1)

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information was located.

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**Other Adverse Effects**

There is no information available.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

This product is a non-hazardous waste. Dispose of contents and container in accordance with local, regional, national and international regulations. The container can be recycle if it dry and clean.

**SECTION 14. TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG		Not regulated		

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## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

## SECTION 16. OTHER INFORMATION

**NFPA Rating**                      **Health - 0**    **Flammability - 0**                      **Instability - 0**

**SDS Prepared By**                      Technical services

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#### Key to Abbreviations

LC 50 = Letal concentration

LD 50 = Letal dose

PEL= Permissible exposure limit. (OSHA HCS limit)

TLV = Threshold Limit Value (ACGIH limit)

TWA = Time-Weighted Average

STEL [C] = Short Term Exposure Limit [ceiling]

OSHA = Occupational Safety and Health Administration (United States)

ACGIH® - American Conference of Governmental Industrial Hygienists

AIHA® = AIHA® Guideline Foundation

HSDB® = Hazardous Substances Data Bank

IARC = International Agency for Research on Cancer

NIOSH = National Institute for Occupational Safety and Health

NTP = National Toxicology Program

RTECS® = Registry of Toxic Effects of Chemical Substances

CNESST = Committee on Standards, Equity, Health and Safety at Work (Quebec) CNESST = Commission des normes, de l'équité, de la santé et de la sécurité du travail

#### References

CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).  
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

#### Disclaimer

The information in this safety data sheet are, to our knowledge, according to our information and belief, accurate at the date of publication. This information is provided as a guide for the safe handling, use, processing, storage, transportation, disposal and disposal of the product, and should not be considered as any guarantee or quality standard. 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 hazards that exist.

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