

SOLOKLEEN

SECTION 1. IDENTIFICATION

Product Identifier	SOLOKLEEN
Other Means of Identification	All purpose cleaner
Other Identification	7979
Recommended Use	High performance all purpose cleaner.
Restrictions on Use	For industrial and institutional use only.
Manufacturer/Supplier Identifier	Lalema inc., 11450 Sherbrooke Street East, Montreal East, Quebec, H1B 1C1, 514.645.2753, www.lalema.com
Emergency Phone No.	Quebec Poison Control Centre, 1.800.463.5060 Canutec, +1 613.996.6666, 24/7
SDS No.	00090097

SECTION 2. HAZARD IDENTIFICATION

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

Classification

Serious eye damage - Category 1

Label Elements



Signal Word:

Danger

Hazard Statement(s):

Causes serious eye damage.

Precautionary Statement(s):

Prevention:

Wear 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.

Immediately call a POISON CENTRE or doctor.

Other Hazards

Not applicable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names

Product Identifier: SOLOKLEEN - Ver. 1

Date of Preparation: avril 18, 2017

Date of Last Revision: mai 25, 2017

SDS No.: 000900

Page 01 of 06

Propylene glycol monomethyl ether	107-98-2	1.0 - 7.0		
2-Ethyl hexanol ethoxylated propoxylated	64366-70-7	1.0 - 5.0		
C10-16 Alkyl polyglycoside	110615-47-9	0.1 - 3.0		
C8-10 Alkyl polyglycoside	68515-73-1	0.1 - 3.0		
Triethanolamine dodecylbenzene sulfonate	27323-41-7	0.1 - 3.0		
Sodium docecylbenzenesulfonate	25155-30-0	0.1 - 3.0		
Sodium xylene sulfonate	1300-72-7	0.1 - 3.0		

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Call a Poison Centre or doctor.

Skin Contact

Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, get medical attention.

Eye Contact

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

Ingestion

Rinse mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Immediately call a Poison Centre or a doctor.

Most Important Symptoms and Effects, Acute and Delayed

Causes serious eye damage.

Immediate Medical Attention and Special Treatment

Target Organs

None known.

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Dry chemical. Foam. Water fog.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

None known.

Carbon oxides.

Special Protective Equipment and Precautions for Fire-fighters

Self-contained breathing apparatus and protective clothing.

See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Flush spill area.

Other Information

Contact supplier, local fire and emergency services for help.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Do not swallow. Only use where there is adequate ventilation. Prevent accidental contact with incompatible chemicals.

Conditions for Safe Storage

Keep container tightly closed and in a well-ventilated place. Store away from heat and light.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Triethanolamine dodecylbenzene sulfonate	1 mg/m ³					

Consult local authorities for provincial exposure limits.

Appropriate Engineering Controls

Showers, eyewash stations and ventilation system.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear suitable protective clothing and gloves.

Respiratory Protection

Not normally required if product is used as directed. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Orange liquid.
Odour	Fruity
Odour Threshold	Not available
pH	7.0 - 8.5
Melting Point/Freezing Point	Not available (melting); ~ 0 °C (freezing)
Initial Boiling Point/Range	~ 100 °C
Flash Point	Not applicable

Product Identifier: SOLOKLEEN - Ver. 1

Date of Preparation: avril 18, 2017

Date of Last Revision: mai 25, 2017

SDS No.: 000900

Page 03 of 06

Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.005 - 1.025
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

High temperatures. Freezing.

Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide), strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

Carbon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Propylene glycol monomethyl ether	> 25.8 mg/L (rat) (6-hour exposure) (vapour)	4016 mg/kg (rat)	> 2000 mg/kg (rabbit)
2-Ethyl hexanol ethoxylated propoxylated	Not available	> 2000 mg/kg (female rat)	> 2000 mg/kg (rat)
C10-16 Alkyl polyglycoside	Not available	> 5000 mg/kg (rat)	> 5000 mg/kg (rabbit)
C8-10 Alkyl polyglycoside	Not available	> 5000 mg/kg (rat)	> 5000 mg/kg (rabbit)
Triethanolamine dodecylbenzene sulfonate	Not available	500-2000 mg/kg (rat)	> 2000 mg/kg (rabbit)

Product Identifier: SOLOKLEEN - Ver. 1

Date of Preparation: avril 18, 2017

Date of Last Revision: mai 25, 2017

SDS No.: 000900

Page 04 of 06

Sodium docecylbenzenesulfonate	Not available	> 1000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Sodium xylene sulfonate	Not available	7200 mg/kg (rat)	> 2000 mg/kg (rabbit)

Skin Corrosion/Irritation

Not a skin irritant.

Serious Eye Damage/Irritation

Corrosive to eyes.

Aspiration Hazard

Not known to be an aspiration hazard.

Respiratory and/or Skin Sensitization

Not a respiratory sensitizer. Not a skin sensitizer.

Carcinogenicity

Not known to cause cancer.

No information was located for: STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Development of Offspring, Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

This section is not required by WHMIS.

SECTION 16. OTHER INFORMATION

SDS Prepared By Lalema inc. Laboratory

Date of Preparation avril 18, 2017

Date of Last Revision mai 25, 2017

Disclaimer The information herein cannot be reproduced without our written authorization. It is based on experiments and is from sources we believe reliable. Since the use of this product is beyond our control, our only obligation shall be to replace any quantity of product which is proven defective. We cannot assume any risk or liability for results obtained, nor can we accept damages in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of the product for any intended use shall be solely the responsibility of the user.

Product Identifier: SOLOKLEEN - Ver. 1

Date of Preparation: avril 18, 2017

Date of Last Revision: mai 25, 2017

SDS No.: 000900

Page 05 of 06

Product Identifier: SOLOKLEEN - Ver. 1
Date of Preparation: avril 18, 2017
Date of Last Revision: mai 25, 2017

SDS No.: 000900

Page 06 of 06