

# EKO-PLUS

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	EKO-PLUS
<b>Other Means of Identification</b>	Neutral cleaner
<b>Other Identification</b>	8720
<b>Recommended Use</b>	Neutral cleaner.
<b>Restrictions on Use</b>	For industrial and institutional use only.
<b>Manufacturer/Supplier Identifier</b>	Lalema inc., 11450 Sherbrooke Street East, Montreal East, Quebec, H1B 1C1, 514.645.2753, www.lalema.com
<b>Emergency Phone No.</b>	Quebec Poison Control Centre, 1.800.463.5060 Canutec, +1 613.996.6666, 24/7
<b>SDS No.</b>	0160

## SECTION 2. HAZARD IDENTIFICATION

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

### Classification

Not classified under any hazard class.

### Label Elements

Not applicable

### Other Hazards

Not applicable.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Triethanolamine dodecylbenzene sulfonate	27323-41-7	0.1 - 3.0	
Sodium xylene sulfonate	1300-72-7	0.1 - 5.0	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Get medical attention immediately. Move to fresh air.

#### Skin Contact

Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. 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

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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**

Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

### **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**

Foam. Dry chemical. Water spray.

#### **Unsuitable Extinguishing Media**

None known.

### **Specific Hazards Arising from the Product**

None known.

### **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**

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## Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Sodium xylene sulfonate	1 mg/m3					

Consult local authorities for provincial exposure limits.

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Avoid contact with eyes.

#### Skin Protection

Wear suitable protective clothing.

#### Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear red liquid.
Odour	Fruity
Odour Threshold	Not available
pH	6.0 - 7.6
Melting Point/Freezing Point	Not available (melting); ~ 0 °C (freezing)
Initial Boiling Point/Range	~ 100 °C
Flash Point	Not available
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)	0.995 - 1.015
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)
<b>Other Information</b>	
Physical State	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

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None expected under normal conditions of storage and use.

**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)
Triethanolamine dodecylbenzene sulfonate	Not available	7200 mg/kg (rat)	> 2000 mg/kg (rabbit)
Sodium xylene sulfonate	Not available	500-2000 mg/kg (rat)	> 2000 mg/kg (rabbit)

**Skin Corrosion/Irritation**

Not a skin irritant.

**Serious Eye Damage/Irritation**

Not an eye irritant.

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

**Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

**Aspiration Hazard**

No information was located.

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

May cause drowsiness and dizziness.

**Respiratory and/or Skin Sensitization**

Not a skin sensitizer.

**Carcinogenicity**

Not known to cause cancer.

**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.

**Germ Cell Mutagenicity**

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No information was located.

#### **Interactive Effects**

No information was located.

No information was located for: STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, 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 13, 2017

**Date of Last Revision** août 07, 2018

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