

## EKO-STRIP

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	EKO-STRIP
<b>Other Means of Identification</b>	Powerful concentrated floor stripper
<b>Other Identification</b>	3100
<b>Recommended Use</b>	Floor stripper.
<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>	00090059

### SECTION 2. HAZARD IDENTIFICATION

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

#### Classification

Skin corrosion - Category 1B; Serious eye damage - Category 1; Specific target organ toxicity (single exposure) - Category 3

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

Causes severe skin burns and eye damage.

Causes serious eye damage.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Precautionary Statement(s):

Prevention:

Do not breathe dusts or mists.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash hands and skin thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear eye protection/face protection.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

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Immediately call a POISON CENTRE or doctor.  
Call a POISON CENTRE or doctor if you feel unwell.  
Specific treatment (see supplemental first aid instruction on this label).  
Wash contaminated clothing before reuse.

**Storage:**

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

**Disposal:**

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

**Other Hazards**

Not applicable.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Diethylene glycol monobutyl ether	112-34-5	30.0 - 45.0	
Ethylene glycol monophenyl ether	122-99-6	15.0 - 30.0	
Monoethanolamine	141-43-5	5.0 - 15.0	
Triethanolamine dodecylbenzene sulfonate	27323-41-7	0.01 - 0.05	

### SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Move to fresh air. Get medical attention immediately.

**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**

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.

**First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

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

Corrosive effects.

**Immediate Medical Attention and Special Treatment**

**Target Organs**

Nervous system.

**Special Instructions**

Not applicable.

**Medical Conditions Aggravated by Exposure**

None known.

### SECTION 5. FIRE-FIGHTING MEASURES

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## Extinguishing Media

### Suitable Extinguishing Media

Dry chemical. Foam. Water fog.

### Unsuitable Extinguishing Media

Not available.

## Specific Hazards Arising from the Product

None known.

In a fire, the following hazardous materials may be generated: 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
Monoethanolamine	3 ppm	6 ppm	6 mg/m3			
Diethylene glycol monobutyl ether	25 ppm					
Ethylene glycol monophenyl ether	5 ppm					
Triethanolamine dodecylbenzene sulfonate	1 mg/m3					

Consult local authorities for provincial exposure limits.

### Appropriate Engineering Controls

Showers, Eyewash stations and ventilation systems.

### Individual Protection Measures

#### Eye/Face Protection

Avoid contact with eyes.

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**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**

<b>Appearance</b>	Light yellow liquid.
<b>Odour</b>	Unscented
<b>Odour Threshold</b>	Not available
<b>pH</b>	10.7 - 12.8
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	~ 100 °C
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.01 - 1.02
<b>Solubility</b>	Soluble in water
<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)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

**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**

High temperatures. Freezing.

**Incompatible Materials**

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

**Hazardous Decomposition Products**

Carbon oxides. Nitrogen oxides.

**SECTION 11. TOXICOLOGICAL INFORMATION**

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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)
Monoethanolamine	> 1.48 mg/L (rat) (4-hour exposure) (vapour)	1089 mg/kg (rat)	2504 mg/kg (rat)
Diethylene glycol monobutyl ether	Not available	6560 mg/kg (rat)	4120 mg/kg (rabbit)
Ethylene glycol monophenyl ether	> 1 mg/L (rat) (6-hour exposure) (dust)	1840 mg/kg (rat)	> 2214 mg/kg (rabbit)
Triethanolamine dodecylbenzene sulfonate	Not available	500-2000 mg/kg (rat)	> 2000 mg/kg (rabbit)

### Skin Corrosion/Irritation

Corrosive to skin.

### Serious Eye Damage/Irritation

Corrosive to eyes.

### 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

Not known to be an aspiration hazard.

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

May cause drowsiness and dizziness.

### Respiratory and/or Skin Sensitization

Not a respiratory sensitizer. Not a skin sensitizer.

### Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Triethanolamine dodecylbenzene sulfonate	Group 2B			

### 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

No information was located.

### Interactive Effects

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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** février 27, 2017

**Date of Last Revision** février 27, 2017

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