

# ADHERO

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	ADHERO
<b>Other Means of Identification</b>	Bathroom cleaner
<b>Other Identification</b>	8400
<b>Recommended Use</b>	Bathroom 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>	00090039

## SECTION 2. HAZARD IDENTIFICATION

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

### Classification

Skin corrosion - Category 1A; Serious eye damage - Category 1

### Label Elements



Signal Word:

Danger

Hazard Statement(s):

Causes severe skin burns and eye damage.

Precautionary Statement(s):

Prevention:

Do not breathe dusts or mists.

Wash hands thoroughly after handling.

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.

Immediately call a POISON CENTRE or doctor.

Specific treatment (see supplemental first aid instruction on this label).

Wash contaminated clothing before reuse.

Storage:

Store locked up.

Disposal:

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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
Citric acid	77-92-9	1.0 -10.0	
Dodecyl benzene sulfonic acid	27176-87-0	1.0 - 5.0	
Dipropylene glycol monomethyl ether	34590-94-8	1.0 - 5.0	
Glycolic acid	79-14-1	1.0 - 5.0	
Alcohols, C6-12, ethoxylated	68439-45-2	0.01 - 1.00	

### 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. If irritation persists, get medical attention.

##### Eye Contact

Immediately flush with plenty of water for at least 15 minutes. 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

If on skin: causes severe skin burns. If in eyes: 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

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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
Dodecyl benzene sulfonic acid	0.2 mg/m <sup>3</sup>		1 mg/m <sup>3</sup>			
Dipropylene glycol monomethyl ether	100 ppm	150 ppm				

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.

#### Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Violet viscous liquid.
Odour	Cherry
Odour Threshold	Not available
pH	0 - 2

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<b>Melting Point/Freezing Point</b>	Not available (melting); ~ 0 °C (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>	1.02 - 1.04
<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), metals (e.g. aluminum).

### 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)
Citric acid	Not available	3 mg/kg (rat)	Not available
Dodecyl benzene sulfonic acid	Not available	1450 mg/kg (rat)	> 2000 mg/kg (rabbit)
Dipropylene glycol monomethyl ether	> 275 ppm (rat) (7-hour exposure)	> 5000 mg/kg (rat)	> 9500 mg/kg (rat)

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Glycolic acid	Not available	2040 mg/kg (rat)	> 5000 mg/kg
Alcohols, C6-12, ethoxylated	Not available	> 5000 mg/kg (rat)	Not available

#### **Skin Corrosion/Irritation**

Corrosive to skin.

#### **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, 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 12, 2017

**Date of Last Revision** avril 12, 2017

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