

ELEVATE

SECTION 1. IDENTIFICATION

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| Product Identifier | ELEVATE |
| Other Means of Identification | Cleaner degreaser |
| Product Code Number | CAD-0172 |
| Recommended Use | Cleaner degreaser. |
| 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. | 0250 |

SECTION 2. HAZARD IDENTIFICATION

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

Classification

Skin irritation - Category 2; Serious eye damage - Category 1

Label Elements



Signal Word:

Danger

Hazard Statement(s):

Causes skin irritation.

Causes serious eye damage.

Causes skin and eye irritation.

Precautionary Statement(s):

Prevention:

Wash hands and skin thoroughly after handling.

Wear eye protection/face protection.

Wear protective gloves.

Response:

IF ON SKIN: Wash with plenty of water.

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).

If skin irritation occurs: Get medical advice or attention.

Take off contaminated clothing and wash it before reuse.

Other Hazards

Not applicable.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

| Chemical Name | CAS No. | % | Other Identifiers |
|--|------------|-------------|-------------------|
| Sodium benzenesulfonate | 68081-81-2 | 1.0 - 5.0 | |
| Sodium hydroxide | 1310-73-2 | 1.0 - 5.0 | |
| Phosphoric acid, trisodium salt, dodecahydrate | 10101-89-0 | 0.01 - 1.00 | |
| Tetrasodium ethylenediaminetetraacetate | 64-02-8 | 0.1 - 3.0 | |
| Sodium xylenesulfonate | 1300-72-7 | 0.1 - 3.0 | |
| 2-Butoxyethanol | 111-76-2 | 0.1 -3.0 | |

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. Remove contact lenses, if present and easy to do. 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 doctor.

First-aid Comments

If exposed or concerned, get medical advice or attention.

Most Important Symptoms and Effects, Acute and Delayed

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

Water spray. Dry chemical. Foam.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

None known.

In a fire, the following hazardous materials may be generated: peroxides.

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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. Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

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

Avoid breathing vapours. 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 |
| Phosphoric acid, trisodium salt, dodecahydrate | 10 mg/m ³ | Not established | 15 mg/m ³ | | | |
| Tetrasodium ethylenediaminetetraacetate | | 2 mg/m ³ | 2 mg/m ³ | | | |
| 2-Butoxyethanol | 20 ppm | | 50 ppm | | | |

Consult local authorities for provincial exposure limits.

Appropriate Engineering Controls

General ventilation is usually adequate. Provide eyewash in work area, if contact or splash hazard exists.

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

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| Appearance | Clear colourless liquid. |
| Odour | Unscented |
| Odour Threshold | Not available |
| pH | 11.70 - 14.00 |
| 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) | 1.060 - 1.080 at 25 °C |
| 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

May form peroxides of unknown stability.

Conditions to Avoid

High temperatures. Freezing.

Incompatible Materials

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

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) |
|----------------------------|---------------|--------------------|---------------|
| Phosphoric acid, trisodium | Not available | > 7400 mg/kg (rat) | Not available |

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| salt, dodecahydrate | | | |
| Tetrasodium ethylenediaminetetraacetate | Not available | 3030 mg/kg (rat) | > 5000 mg/kg (rabbit) |
| Sodium xylenesulfonate | Not available | 7200 mg/kg (rat) | > 2000 mg/kg (rabbit) |
| Sodium benzenesulfonate | Not available | > 1000 mg/kg (rat) | > 2000 mg/kg (rabbit) |
| 2-Butoxyethanol | > 4.9 mg/L (rat) (vapour) | 1300 mg/kg (rat) | > 2000 mg/kg (rat) |
| Sodium hydroxide | Not available | Not available | Not available |

Skin Corrosion/Irritation

Causes skin irritation. Repeated contact may cause skin burns.

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.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

Not a skin sensitizer. Not a respiratory 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

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.

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SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

This section is not required by WHMIS.

SECTION 16. OTHER INFORMATION

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|------------------------------|---|
| SDS Prepared By | Lalema inc. Laboratory |
| Date of Preparation | août 06, 2018 |
| Date of Last Revision | août 06, 2018 |
| 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. |

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