

# Safety Data Sheet

## LEMON DISHWASHING DETERGENT

### SECTION 1. IDENTIFICATION

|                             |  |
|-----------------------------|--|
| <b>Product Identifier</b>   | <b>ALLIANCE</b>  |
| <b>Other Identification</b> | 30738-24872  |
| <b>Recommended Use</b>      | Liquid detergent for manual dishwashing.   |
| <b>Restrictions on Use</b>  | All other uses than those indicated on the product label and technical data sheet. Mayrand Plus, 9701 Boul. Louis-H.Lafontaine, Anjou (Qc) H1J 2A3, Tel.: (450) 255-9330 |
| <b>Supplier</b>             |  |
| <b>Emergency Phone No.</b>  | Quebec Poison Control Centre (24 hours service)<br>Quebec, (800) 463-5060 (no charge), All other places, (418) 656-8090,<br>CANUTEC, (613) 996-6666 (collect)            |

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin irritation - Category 2; Eye irritation - Category 2

#### Label Elements



Signal Word:  
Warning

#### Hazard Statement(s):

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

#### Precautionary Statement(s):

##### Prevention:

P264 Wash hands and skin thoroughly after handling.  
P280 Wear protective gloves/eye protection/face protection.

##### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P332 + P313 If skin irritation occurs: Get medical advice or attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice or attention.

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## Other Hazards

Not applicable.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance:

| Chemical Name                              | CAS No.    | %   | Other Identifiers         | Other Names                  |
|--|------------|-----|---------------------------|------------------------------|
| Sodium laureth sulfate                     | 68585-34-2 | 1-5 | Information not available | Information not available    |
| Benzenesulfonic acid, C10-16-alkyl derivs. | 68584-22-5 | 1-5 | Information not available | Dodecylbenzene sulfonic acid |

### Notes

Concentrations are expressed in % weight/weight.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor.

#### Skin Contact

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation or a rash occurs, get medical advice or attention.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

#### Ingestion

Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned.

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

Cause serious eye irritation causes skin irritation.

### Immediate Medical Attention and Special Treatment

#### Special Instructions

Not applicable.

#### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Use extinguishing agent suitable for surrounding fire. CO<sub>2</sub>, extinguishing powder or water spray.

#### Unsuitable Extinguishing Media

Not applicable.

### Specific Hazards Arising from the Product

Not known to generate any hazardous decomposition products in a fire.

### Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

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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

Take no action involving any personal risk or without suitable training. Do not touch or walk through spilled material. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment.

### Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and Materials for Containment and Cleaning Up

Stop leak if there is no risk. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate container for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Use good industrial hygiene practices in handling this material. Do not eat, drink or smoke when using this product. Use in well ventilated areas. Do not get in eyes or on skin. Avoid inhalation of mists/vapours/fumes. Wash thoroughly after handling. Handle with care.

### Conditions for Safe Storage

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10). Keep container tightly closed when not in use. Opened containers must be carefully resealed and kept upright to prevent leakage. Use appropriate container to avoid environmental contamination. Do not store in unlabeled containers.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

| Chemical Name                              | ACGIH TLV®      |                 | OSHA PEL        |                 | AIHA WEEL       |                 |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|  | TWA             | STEL            | TWA             | Ceiling         | 8-hr TWA        | TWA             |
| Benzenesulfonic acid, C10-16-alkyl derivs. | Not established |
| Sodium laureth sulfate                     | Not established |

### Appropriate Engineering Controls

The purpose of the Health and Safety Act is to eliminate hazards at the source. Where engineering controls and changes in working procedures are not sufficient to reduce exposure to this substance, the use of personal protective equipment may be necessary. These protective equipment must comply with the regulations.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear skin protective equipment. The selection of such equipment depends on the nature of the work to be performed.

#### Respiratory Protection

Wear appropriate respirator when ventilation is inadequate.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|   |   |
|---|---|
| <b>Appearance</b>                                       | Transparent yellow viscous liquid.                |
| <b>Odour</b>  | Citrus  |
| <b>Odour Threshold</b>                                  | Not available                                     |
| <b>pH</b>   | 6.5 - 7.5   |
| <b>Melting Point/Freezing Point</b>                     | Not available (melting); Not available (freezing) |
| <b>Initial Boiling Point/Range</b>                      | Not available                                     |
| <b>Flash Point</b>                                      | Not applicable                                    |
| <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>                     | 1.0 - 1.1   |
| <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 applicable (dynamic)                          |

## 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

Keep away from freezing and excessive heat.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

Not applicable.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact.

### Acute Toxicity

| Chemical Name                              | LC50 | LD50 (oral)     | LD50 (dermal)         |
|--|------|-----------------|-----------------------|
| Benzenesulfonic acid, C10-16-alkyl derivs. |      | 890 mg/kg (rat) | > 2000 mg/kg (rabbit) |

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|                        |  |        |  |
|------------------------|--|--------|--|
| Sodium laureth sulfate |  | > 5000 |  |
|------------------------|--|--------|--|

LD50(Oral) ATEmix : without category

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

Irritant to skin.

#### **Serious Eye Damage/Irritation**

Causes serious eye irritation.

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

##### **Inhalation**

No known significant effects or critical hazards.

##### **Ingestion**

No known significant effects or critical hazards.

#### **Aspiration Hazard**

No known significant effects or critical hazards.

#### **Respiratory and/or Skin Sensitization**

No known significant effects or critical hazards.

#### **Carcinogenicity**

Not known to cause cancer.

#### **Reproductive Toxicity**

##### **Development of Offspring**

No known significant effects or critical hazards.

##### **Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

##### **Effects on or via Lactation**

Not known to cause effects on or via lactation.

#### **Germ Cell Mutagenicity**

No known significant effects or critical hazards.

## **SECTION 12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

No known significant effects or critical hazards.

#### **Persistence and Degradability**

Organic components readily biodegradable according to the OECD test, series 301 (A to F).

#### **Bioaccumulative Potential**

No information was located.

#### **Mobility in Soil**

No information was located.

#### **Other Adverse Effects**

There is no information available.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

It is important to minimize or avoid the generation of waste wherever possible. Disposal of this product and solutions must always respect the provisions of the law on environmental protection and waste disposal and must remain in compliance with the requirements of local laws and regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Diluted product used as recommended may be sent to the sewer. Consult local or regional authorities.

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## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

| Regulation    | UN No.        | Proper Shipping Name | Transport Hazard Class(es) | Packing Group |
|---------------|---------------|----------------------|----------------------------|---------------|
| TMD au Canada | Not regulated | Not applicable       | --                         | --            |

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS 1988 Classification

D2B - Toxic

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## SECTION 16. OTHER INFORMATION

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