

Safety Data Sheet

GREEN LIQUID DISH DETERGENT

SECTION 1. IDENTIFICATION

Product Identifier	ALLIANCE
Other Identification	30739-91005
Recommended Use	Green liquid Hand Dishwashing Detergents.
Restrictions on Use	All other uses than those indicated on the product label and technical data sheet.
Supplier	Mayrand Plus, 9701 Boul. Louis-H.Lafontaine, Anjou (Qc) H1J 2A3, Tel.: (450) 255-9330

Emergency Phone No. Quebec Poison Control Centre (24 hours service)
Quebec, (800) 463-5060 (no charge)
All other places, (418) 656-8090, 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):

P264 Wash hands and skin thoroughly after handling.
P280 Wear protective gloves.
P280 Wear eye protection/face protection.
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
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	1,0- 5,0	Information not available	Dodecylbenzene sulfonic acid
Sodium laureth sulfate	68585-34-2	1.0-5.0	Information not available	Information not available

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

If in eyes: may cause moderate to severe 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

Not combustible. Use extinguishing agent suitable for surrounding fire.

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.

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

Do not swallow. Do not get in eyes. Handle with care. Avoid splashing.

Conditions for Safe Storage

Store in an airtight container in a dry, well ventilated place. Refer to SRST and NFC Standards for Storage. Keep away from combustible materials and acids. If the product is stored with other hazardous substances, refer to the NFC segregation table. Containers must be kept closed, clearly marked with their contents, and handled with care.

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					

ACGIH TLV 2012

OSHA PEL 2012

AIHA WEEL 2011.

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

Not required but it is good practice to wear safety glasses or chemical safety goggles. The selection of an eye protector depends on the nature of the work to be performed.

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.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Opaque green viscous liquid.
Odour	Palmolive
Odour Threshold	Not available
pH	6.5 - 7.5
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not applicable
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)	1.0 - 1.1
Solubility	Easily soluble in cold and hot water in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not applicable (dynamic)
Other Information	
Surface Tension	Not available
Critical Temperature	Not available
Saturated Vapour Concentration	Not available

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

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Skin contact.

Acute Toxicity

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

Not harmful based on limited evidence.

Ingestion

May irritate the mouth, throat and stomach.

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.

No information was located for: Aspiration Hazard, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Interactive Effects

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.

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

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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Disclaimer Notice to reader and user : The information contained in this document is accurate to the best of our knowledge. however, the above named supplier assumes any liability whatsoever with respect to the accuracy of the informatoin contained in this document. The finl determination ond suitability of any material or product is the sole responsibility of the user. All materials may pose risk and should be used whith caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist .

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