

SAFETY DATA SHEET

Date issued : 06/10/2024

SDS number : Life Clean & Drain - Canada

Life Clean & Drain

1. Identification

Product identifier: Life Clean & Drain**Relevant identified uses:** Jetted Bathtub / Whirlpool / Jacuzzi Plumbing Cleaner**Distributor**

Alliance Trading, Inc.
109 North Park Blvd., 4th Floor
Covington, LA 70433

Emergency telephone number (24 hour)

24 Hour Emergency Phone Number: 1-888-670-7665

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Skin Irritation, Category 2
Eye Damage, Category 1

Label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).



Corrosion

Signal word: DANGER**Hazard statement(s)**

H318: Causes serious eye damage.
H315: Causes skin irritation.

Precautionary statement(s)**Supplemental label elements:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352: IF ON SKIN: Wash with plenty of water/...
P332+P313: If skin irritation occurs: Get medical advice/attention.
P310: Immediately call a POISON CENTER/doctor/...
P362+P364: Take off contaminated clothing and wash it before reuse.
P264: Wash ... thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Trade Secret	< 10	-----
Trade Secret	< 1	-----
Trade Secret	> 90	-----

Comments: Skin Corr. 1B, H314, EYe Dam. 1, H318 ; Acute Tox. 4, H302

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld by the manufacturer as a trade secret.

4. First-aid measures

Eye: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then

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continue rinsing eye. Call a poison control center or doctor for treatment advice. See a doctor immediately.

Skin: Immediately flush skin with running water for at least 20 minutes. If skin irritation occurs, seek medical attention.

Ingestion: DO NOT induce vomiting. Drink large quantities of water. Consult a physician immediately. Never give anything by mouth to an unconscious person.

Inhalation: Supply fresh air; consult a doctor in case of complaints.

Most important symptoms and effects, both acute and delayed

Eye: Strong irritant with the danger of severe eye injury.

Skin: Irritant to skin and mucous membranes.

Ingestion: Irritation and/or burns can occur to the gastrointestinal tract, characterized by nausea, vomiting, diarrhea, abdominal pain, bleeding and/or tissue ulceration.

5. Fire-fighting measures

Flammable class: This product is not flammable.

Suitable extinguishing media: Use fire fighting measures that suit the environment.

Hazardous combustion products: During heating or in case of fire, poisonous gases are produced.

Fire fighting equipment: Wear NIOSH approved positive-pressure self-contained breathing apparatus operated in pressure demand mode.

6. Accidental release measures

Small spill: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.

Large spill: Use a respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation.

Environmental precautions

Water spill: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

General procedures: Ensure adequate ventilation.

Special protective equipment: Wear appropriate protective equipment and clothing during clean-up.

7. Handling and storage

General procedures: Use only in well ventilated areas. Avoid splashes or spray in enclosed areas. Avoid contact with eyes and skin. Keep out of reach of children.

Conditions for safe storage: Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store away from oxidizing agents. Store in cool, dry conditions in well sealed receptacles.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	Type		ppm	mg/m³
Trade Secret	OSHA PEL	TWA	[1]	[1]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Footnotes:				
1. NL = Not Listed				

Appropriate engineering controls: No additional information available.

Individual protection measures, such as personal protective equipment

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Eye / face protection: Chemical safety goggles and/or face shield.

Skin protection - hand protection: Impermeable and resistant gloves to the material.

Respiratory protection: No respirator is required under normal conditions of use.

Occupational hygiene practices: Handle in accordance with good industrial hygiene and safety practices. Wearing of closed work clothing is recommended. Take off immediately all contaminated clothing. Hands and/or face should be washed before breaks and at the end of the shift. When using, do not eat, drink or smoke. Wash contaminated clothing before reuse.

9. Physical and chemical properties

Physical state: Liquid

Color: Not Determined.

Odor: Mild.

pH: 8 to 10

Melting point: Not Determined.

Initial boiling point and boiling range: 100°C (212°F)

Flash point: Not Applicable.

Vapor pressure: Not Determined.

Density: 1 g/cm³ (8.345 lbs/gal)

Solubility: Fully miscible.

Auto-ignition temperature: Not Determined.

10. Stability and reactivity

Chemical stability: Stable under normal temperature and pressure.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Hazardous decomposition products: Can produce CO, CO₂ and NO_x.

Incompatible materials: Strong oxidizing agents, strong alkali, contact with acids releasing toxic gases, liquefied material may release toxic fumes, reacts with certain metals.

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD₅₀: 3340 mg/kg - Rabbit

Acute oral toxicity LD₅₀: 344 mg/kg - Rat

Skin corrosion / irritation: Irritant to skin and mucous membranes.

Serious eye damage / irritation: Causes serious eye damage. Irritating to skin.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity

Notes: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

12. Ecological information

Aquatic toxicity, both acute and chronic: This product is toxic to fish and aquatic life.

96-hour LC₅₀: 0.28 mg/l (Pimephales promelas)

96-hour EC₅₀: 0.0059 mg/L (Daphnia magna)

Environmental data: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Due to

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available data on eliminability/decomposition and bioaccumulation, potential prolonged term damage of the environment cannot be excluded.

13. Disposal considerations

Disposal methods: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Dispose of in accordance with applicable local, state, and federal regulations.

Product disposal: Dispose in accordance with all applicable regulations.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not Regulated.

ADR / RID - road / rail

UN proper shipping name: Environmentally hazardous substance, liquid, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)

UN number: UN3082

Hazard class: 9

Packing group, if applicable: III

Hazard label: This product is toxic to fish and aquatic life.

ICAO / IATA - air

UN proper shipping name: Environmentally hazardous substance, liquid, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)

UN number: UN3082

Transport hazard class(es): 9

Packing group, if applicable: III

IMO / IMDG - International

UN proper shipping name: Environmentally hazardous substance, liquid, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)

UN number: UN3082

Transport hazard class(es): 9

Packing group, if applicable: III

EmS: F-A, S-F

Environmental hazards - marine pollutant: Yes

Comments: Not regulated when carried in single or combination packaging containing a net quantity of 5L or less for liquids or 5 kg or less for solids per the following:

DOT: 171.4(c)(2)

ADR: SP 375

IMDG: 2.10.2.7

IATA: special provision A197

Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. bulk packaging consists of a maximum capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: None of the ingredients are listed.

313 reportable ingredients: None of the ingredients are listed.

TSCA (The Toxic Substances Control Act)

TSCA Status: All components are listed.

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Clean air act (hazardous air pollutants): Not listed

California Proposition 65: None of the ingredients are listed.

Clean water act: No regulated ingredients reportable under the Clean Water Act.

Carcinogen: None of the ingredients are listed as carcinogens.

CANADA

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL): All components are on the DSL or NDSL.

16. Other information

Date Prepared: 06/10/2024

Manufacturer disclaimer: Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).