

SAFETY DATA SHEET

Date issued : 06/10/2024

SDS number : Life Waterline & Surface Cleaner - Canada

Life Waterline & Surface Cleaner

1. Identification

Product identifier: Life Waterline & Surface Cleaner

Relevant identified uses: Tile & liner 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 Corrosion, Category 1C

Physical hazards:

Corrosive to Metals, Category 1

Label elements

This material is considered hazardous under OSHA regulations.



Corrosion

Signal word: DANGER

Hazard statement(s)

H314: Causes severe skin burns and eye damage.

H290: May be corrosive to metals.

Precautionary statement(s)

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash ... thoroughly after handling.

7052PC2H: Wear protective gloves, eye protection, protective clothing.

P234: Keep only in original packaging.

Response:

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor/...

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P363: Wash contaminated clothing before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P390: Absorb spillage to prevent material damage.

Storage:

P406: Store in a corrosion resistant/...container with a resistant inner liner.

Disposal:

789508DQ: Dispose of contents/container to comply with local, state and federal regulations.

Potential health effects

Ingestion: May be harmful if swallowed.

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Carcinogenicity: Not listed by NTP, IARC or OSHA.

Target organ statement: Eyes, Skin, Respiratory Tract, Gastrointestinal tract.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Phosphoric Acid (Skin Corr. 1B, H314)	< 10	7664-38-2
Hydrochloric Acid (Skin Corr. 1B, H314; Met. Corr. 1, H290; STOT SE 3, H335)	< 5	7647-01-0
Amines, Tallow Alkyl, Ethoxylated (Skin Corr. 1C, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Flam Liq. 4, H227)	< 5	61791-26-2

4. First-aid measures

Eye: Protect unharmed eye. Remove contact lenses, if worn. Rinse opened eye for several minutes under running water, then consult a doctor.

Skin: Immediately remove any clothing soiled by product. Immediately rinse with water. If skin irritation continues, consult a doctor. Seek immediate medical help for blistering or open wounds.

Ingestion: Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

Inhalation: Supply fresh air; consult a doctor in case of complaints. Provide oxygen treatment if affected person has difficulty breathing. In case of irregular breathing or respiratory arrest, provide artificial respiration.

Most important symptoms and effects, both acute and delayed

Acute effects: Breathing difficulty, coughing, caustic effect on skin and mucous membranes, strong irritant with the danger of severe eye injury. Gastric or intestinal disorders when ingested. Nausea in case of ingestion. **Danger** of gastric perforation.

Additional information: Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours, therefore medical observation is required for 48 hours after exposure.

If necessary, treat with oxygen respiration treatment.

5. Fire-fighting measures

General hazard: Formation of toxic gases is possible during heating or in case of fire.

Suitable extinguishing media: CO₂, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Fire fighting procedures: Use water spray to cool unopened containers.

Fire fighting equipment: Firefighters should wear self-contained respiratory protective device and full protective suit.

6. Accidental release measures

Environmental precautions

Water spill: Do not flush into surface water or sanitary sewer system. Inform authorities in case of seepage into water course or sewage system.

General procedures: Use limestone to neutralize and absorb spill. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste in accordance with Section 13. Send for recovery or disposal in suitable receptacles.

Special protective equipment: Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

7. Handling and storage

Precautions for safe handling: Prevent formation of aerosols. Avoid splashes or spray in enclosed areas. Use only in well ventilated areas.

Conditions for safe storage: Use only receptacles specifically permitted for this product. Aluminum is an unsuitable material to use as receptacle.

Store away from foodstuffs. Store away from oxidizing agents. Do not store together with alkalies (caustic solutions). Store away from metals.

Store in cool, dry conditions in well sealed receptacles. Keep containers tightly sealed.

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8. Exposure controls/personal protection

Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	Type		ppm	mg/m ³
Phosphoric Acid (Skin Corr. 1B, H314)	OSHA PEL	TWA	ppm ^[1]	1 mg/m3 ^[1]
		STEL	ppm	mg/m3
	ACGIH TLV	TWA	ppm	1 mg/m3
		STEL	ppm	3 mg/m3
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Hydrochloric Acid (Skin Corr. 1B, H314; Met. Corr. 1, H290; STOT SE 3, H335)	OSHA PEL	TWA	7 mg/m3	
		STEL	ppm ^[2]	^[2]
	ACGIH TLV	STEL	2 ppm ^[3]	^[3]
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
	Footnotes:			
1. NL = Not Listed				
2. Ceiling				
3. Ceiling (based on irritation and corrosion effects)				

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear chemical safety glasses or goggles. Contact lenses should not be worn.

Skin protection - hand protection: Glove material needs to be impermeable and resistant to the product.

Respiratory protection: Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.

Skin protection - other: Protective work clothing.

Comments: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases/fumes/aerosols. Avoid contact with eyes and skin.

9. Physical and chemical properties

Physical state: Semi-Gel

Appearance: Blue viscous liquid.

Odor: Slightly aromatic.

pH: < 1.0

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

Flash point: Not Flammable

Evaporation rate (n-butyl acetate = 1): Not Determined.

Lower explosion limit / flammability limit: 0

Upper explosion limit / flammability limit: 0

Vapor pressure: 17 mm of Hg @ 20 deg C

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Relative vapor density: > 1 g/cm³**Notes:** Air = 1**Density:** 9.513 lbs at (68°F) 1.14 g/cm³**Relative density:** 1.072**Solubility:** Fully miscible.

10. Stability and reactivity

Chemical stability: Stable.**Conditions to avoid:** Store away from oxidizing materials. Keep away from heat and direct sunlight.**Possibility of hazardous reactions:** Toxic fumes may be released if heated above the decomposition point. Reacts with metals forming hydrogen. Corrosive action on metals. Reacts with alkali (lyes) and strong oxidizing agents.**Hazardous decomposition products:** Carbon monoxide and carbon dioxide; Phosphorus oxides; Nitrogen oxides; Ammonia; Chlorine compounds**Comments:****Thermal Decomposition/conditions to avoid:**

No decomposition if used and stored according to specifications.

11. Toxicological information

Acute toxicity**Acute dermal toxicity LD₅₀:** Causes severe skin burns.**Notes:** Corrosive: Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.**Carcinogenicity****NTP:** Components of this product are not listed as a carcinogen by the NTP.**OSHA:** Components of this product are not listed as a carcinogen by OSHA.**Comments:** Phosphoric Acid (A) LD50 Oral (rat) 1530 mg/kgLD50 Inhalation (rabbit) >850 mg/m³

Hydrochloric Acid (A,B,C) LD50 Oral (rat) 900 mg/kg

LC50 Inhalation(mouse) 1108 ppm/1 hr.

12. Ecological information

Aquatic toxicity, both acute and chronic: Toxic to aquatic organisms. Toxic to fish.**Other adverse effects:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms. Rinse-off of larger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level, the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

13. Disposal considerations

Disposal methods: Dispose in accordance with all applicable regulations.**General comments:** Must not be disposed of with household garbage. Do not allow product to reach sewage system. Dilute concentrate with water and neutralize afterwards with suitable material (lime or chalk). The formed salts are inert and pose little hazard.**Comments:** Dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

14. Transport information

USA Department of Transport Regulations (DOT)

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UN proper shipping name: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Hydrochloric Acid)
UN number: UN 3264
Transport hazard class(es): 8
Packing group, if applicable: II
DOT other shipping information: DOT exception 173.154 - this product qualifies as a Limited Quantity when inner packaging does not exceed 0.3 gallons.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Hazard Categories: Health: Immediate (Acute) Health Hazard

313 reportable ingredients: Hydrochloric acid CAS 7647-01-0

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Phosphoric Acid (Skin Corr. 1B, H314)	< 10	5,000 lbs.
Hydrochloric Acid (Skin Corr. 1B, H314; Met. Corr. 1, H290; STOT SE 3, H335)	< 5	5,000 lbs.

CERCLA rq: 5000 lbs - hydrochloric acid.

TSCA (The Toxic Substances Control Act)

TSCA Status: All ingredients in this mixture are in compliance with TSCA.

California Proposition 65: Present in trace quantities:

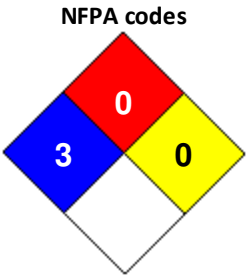
123-91-1 1,4-dioxane

75-07-0 acetaldehyde

16. Other information

Date Prepared: 06/10/2024

HMIS rating		
Health	<input type="text"/>	3
Flammability	<input type="text"/>	0
Physical hazard	<input type="text"/>	0
Personal protection	<input type="text"/>	



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