

AlkaGent

Section 1: Identification

Product Name:	AlkaGent
Product Code:	VTAL51830G, VTAL51805G
Recommended Use:	High pH detergent
Manufacturer:	Unimed-Lighthouse Distribution
Telephone:	800-347-9023
Website:	www.unimedcorp.com
Issue Date:	18-September-2020
Date of Last Revision:	18-January-2021
Emergency Contact USA:	Phone: 1-800-222-1222
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*666 on a cellular phone



HMIS

Health Hazard	3
Fire Hazard	0
Reactivity	2
Personal Protection	C

Section 2: Composition / Information on Hazardous Ingredients

GHS Pictogram:	
Signal Word:	DANGER
Hazard Statement:	H302 - Harmful if swallowed. H312 - Harmful in contact with skin. H318 - Causes serious eye damage.
Precautionary Statements:	P264 - Wash hands and exposed areas thoroughly after handling. P280 - Wear eye protection, protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351 - IF IN EYES: Rinse cautiously with water for several minutes.

Section 3: Composition / Information on Hazardous Ingredients

Name	CAS No.	% by Weight
Potassium Hydroxide	1310-58-3	10.0 - 25.0
Tetrasodium EDTA	64-02-8	1.0 - 5.0

Section 4: First Aid Measures

Eye Contact:	Immediately flush with cool water for at least 20 minutes. Seek medical attention immediately.
Skin Contact:	Immediately wash skin with soap and water for at least 20 minutes while removing contaminated clothing. Seek medical attention if irritation persists.
Ingestion:	Do NOT induce vomiting. Drink cool water. Transport to an emergency medical center. Never give anything by mouth to an unconscious person.
Inhalation:	Move victim to fresh air. Seek medical attention immediately.

Section 5: Fire Fighting Measures

Extinguishing Media:	Use extinguishing measures appropriate to local circumstances and surrounding environment.
Flash Point:	Not applicable.
Auto Ignition Temperature:	Not applicable.
Specific hazards:	Not flammable or combustible.
Special protective equipment:	As in any fire, wear a self-contained breathing apparatus (SCBA), approved according to NFPA / NIOSH or equivalent and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions:	Keep personnel from entering spill area.
Environmental Precautions:	Avoid runoff into storm sewers, ditches and waterways.
Methods for Containment:	Contain spills with an inert absorbent material, (sand, earth, vermiculite) and place in container for disposal according to local and national regulations.
Methods for Cleanup:	Flush away traces with water and clean with mop or rags.

Section 7: Handling and Storage

Handling:	Use with adequate ventilation. Avoid breathing vapors, spray, or mist.
Storage:	Store in a cool dry place. Keep partially used containers closed and away from heat and humidity. Do not exceed storage temperature of (50 °C) 120°F. Keep out of reach of children.

Section 8: Exposure Controls / Personal Protection

Engineering Controls:	Good general ventilation should be sufficient.
Eye Protection:	Safety glasses are required.
Skin Protection:	Gloves are required.
Respiratory Protection:	Use an approved respirator if exposure limits are exceeded.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance:	Clear Liquid	Boiling Point:	> 212°F
Color:	Light Yellow	Flash Point:	Not determined.
Odor:	Mild Solvent	Water Solubility:	Completely soluble.
pH:	12.1 - 12.9	Vapor Density:	Not determined.
Specific Gravity:	1.10 - 1.20	Vapor Pressure:	Not determined.
Freezing Point:	Not determined.	Evaporation Rate:	Not determined.

Section 10: Stability and Reactivity

Chemical Stability:	Stable under normal conditions.
Hazardous Reactions:	None known.
Conditions to Avoid:	Extreme heat.
Incompatible Materials:	Strong acids, nitrocarbons and chlorocarbons.

Section 11: Toxicological Information

Likely Routes of Exposure:	Inhalation, eye contact and skin contact.
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Potential Health Effects

Eyes:	Corrosive. Corneal damage, burning, redness, blurred vision.
Skin:	Corrosive. Severe burns, redness.
Inhalation:	Corrosive. Burns in respiratory tract, shortness of breath.
Ingestion:	Corrosive. Damages mucous membranes, severe burning of gastrointestinal tissues, nausea and intestinal pain, vomiting and possible death if swallowed.
Chronic Exposure:	Health injuries are not known or expected under normal use.

Section 12: Ecological Information

Ecotoxicity:	Not determined.
Biodegradability:	Not determined.
Bioaccumulation:	Not determined.

Section 13: Disposal Considerations

Waste Disposal:	Dispose of in accordance with local, state and federal regulations.
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Section 14: Transport Information

Land Transport (DOT):	Corrosive Liquid, Potassium Hydroxide Solution, 8, UN 1814, PG II
Sea Transport (IMDG/IMO):	Corrosive Liquid, Potassium Hydroxide Solution, 8, UN 1814, PG II
Air Transport (IATA):	Corrosive Liquid, Potassium Hydroxide Solution, 8, UN 1814, PG II

Section 15: Regulatory Information

TSCA Inventory:	All components are listed.
CERCLA:	Does not contain any components with reportable quantities.
SARA 302:	None.
SARA 311/312 Hazards:	Acute health hazard.
California Prop 65:	None.

Section 16: Additional Information

Date of preparation:	18-November-2013
Date of Last Revision:	18-January-2021
SDS Author:	Unimed-Lighthouse Distribution

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