



**FreshAWL® GLEAM™
MATERIAL SAFETY
DATA SHEET**

FreshAWL, LLC
1950 Olivera Rd., Suite D
Concord, CA 94520
EMERGENCY TELEPHONE: (800) 424-9300

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H M I S
HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 0
PERSONAL PROTECTION: C

II. PRODUCT IDENTIFICATION

Product Name: FreshAWL® GLEAM™

Synonyms: NONE

Chemical Family: ACID

CAS NO: None

III. HAZARDOUS IDENTIFICATION

OSHA	CAS	ACGIH			
COMPONENT: HYDROCHLORIC ACID		PEL	#		TLV

IV. PHYSICAL PROPERTIES

MELTING POINT: UNKNOWN		SPECIFIC GRAVITY: 1.0
BOILING POINT (°F): 220°F		PERCENT VOLATILE (BY WEIGHT): 347G/L
VAPOR PRESSURE (mm Hg): UNKNOWN		EVAPORATION RATE: SLOW
VAPOR DENSITY (AIR=1): >1		pH: 0
SOLUBILITY IN WATER: SOLUBLE		
APPEARANCE AND ODOR: CLEAR, FOAMY SOLUTION		

V. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (°F): NONE		FLAMMABLE LIMITS: LEL NONE
		UEL NONE

EXTINGUISHING MEDIA: WATER X ALCOHOL FOAM X CO2 X DRY CHEMICAL X

SPECIAL FIREFIGHTING PROCEDURES: Use standard firefighting techniques to fight fires.

Involving this material produces corrosive fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

VI. REACTIVITY DATA

STABILITY: STABLE		CONDITIONS TO AVOID: EXTREME HEAT
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR		CONDITIONS TO AVOID: HIGH TEMPS
INCOMPATIBILITY: BASES		
HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE		

VII. PERSONAL PROTECTIVE EQUIPMENT INFORMATION

RESPIRATORY PROTECTION: USE RESPIRATOR IF SPRAYING CONCENTRATES

PROTECTIVE GLOVES: NEOPRENE, LATEX OR RUBBER

EYE PROTECTION: CHEMICAL GOGGLES TO PREVENT EYE CONTACT.



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VENTILATION: LOCAL OR MECHANICAL RECOMMENDED
OTHER PROTECTIVE EQUIPMENT: CHEMICAL SPLASH GOGGLES, CHEMICAL APRON

VIII. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: UNKNOWN

DERMAL IRRITATION-RABBIT: SEVERE IRRITATION DEPENDING ON CONCENTRATION

EFFECTS OF OVEREXPOSURE.

INHALATION: INHALATION MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT.

DERMAL: LIQUID CONTACT CAN CAUSE CHEMICAL BURNS.

EYE CONTACT: CAUSES SEVERE DAMAGE.

ORAL: MAY CAUSE STOMACH ACHE, IRRITATION AND EROSION OF ESOPHAGUS.

KNOWN EFFECTS ON OTHER ILLNESSES: NONE KNOWN

LISTED CARCINOGEN: NONE: X OSHA: NTP: 1ARC: OTHER:

IX. EMERGENCY AND FIRST AID PROCEDURES

SKIN: Flush with water-prolonged contact can cause irritation or allergic dermatitis.

EYES: Flush with water for at least 15 minutes or until irritation is relieved.

INHALATION: Immediately remove to fresh air. Keep person calm. If not breathing, give artificial respiration. If not breathing give oxygen.

INGESTION: Seek medical attention immediately. If person is conscious give water to dilute stomach content.

NOTE TO PHYSICIAN: Neutralize with bicarbonates.

X. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF A SPILL

Ventilate area. Use self-contained breathing apparatus and protective clothing. Vapors are heavier than air and will collect in low areas and confined areas.

WASTE DISPOSAL INFORMATION

Comply with Local, State and Federal Regulations. Avoid environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues, and containers in compliance with all relevant local, state and federal laws.

Waste Disposal Summary: This product has none of the characteristics of a hazardous waste. Disposal Methods: Dispose of in accordance with local, state and federal regulations. Disposal preferred in sanitary sewer.

Components subject to land ban restrictions: No components subject to land ban restrictions. Do not release to environment without appropriate permits.

RCRA HAZARDOUS WASTE: YES NO X RQ: lbs UN/NA NO.

SHIPPING NAME: MURIATIC ACID UN1789

HAZARD CLASSIFICATION: CORROSIVE LIQUID

XI. This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 and ANSI Z400 1-2004. This information should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. FreshAWL believes this information to be reliable and up to date as of this publication date, but make no warranty that it is. If this MSDS is more than three years old, you should contact the supplier to make sure the information is still current.