



**MATERIAL SAFETY
DATA SHEET**

FreshAWL, LLC
506 Silver Dr.
Vacaville, CA. 95687
EMERGENCY TELEPHONE: (800) 424-9300

REVISED
DATE 05/24/2010

H M I S

HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 0
PERSONAL PROTECTION: C

*** A. PRODUCT IDENTIFICATION ***

Product Name: FreshAWL™ GLEAM™
Synonyms: NONE
Chemical Family: ACID
CAS NO: None

*** B. HAZARDOUS COMPONENTS * OSHA CAS ACGIH**

COMONENT: HYDROCHLORIC ACID
PEL # TLV

*** C. PHYSICAL PROPERTIES ***

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

*** D. 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

*** E. REACTIVITY DATA ***

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

HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE

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

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* G. 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: IARC: OTHER:

* H. 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

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

* I. 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 FEDERAL, STATE, AND LOCAL REGULATIONS.

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

SHIPPING NAME: MURIATIC ACID UN1789

HAZARD CLASSIFICATION: CORROSIVE LIQUID

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