FreshAWL, LLC  
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EMERGENCY TELEPHONE: (800) 424-9300

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  
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

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: When using this product for cleaning, safety eyewear is recommended. When transferring this product from container to container wearing goggles or face shield is recommended to avoid possible splash. When using this product a charged hose or eye wash station at hand is recommended.  
VENTILATION: LOCAL OR MECHANICAL RECOMMENDED  
OTHER PROTECTIVE EQUIPMENT: 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 X NO 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.