

## **MICRO-ETCH CLEANING SOLUTIONS**

### **MSDS Number**

BBLZM

### **National Stock Number**

6520-00F002924

### **Product Name**

MICRO-ETCH CLEANING SOLUTIONS

### **Manufacturer**

AUSTENAL DENTAL INC

### **Product Identification**

Product ID: MICRO-ETCH CLEANING SOLUTIONS

MSDS Date: 11/13/1986

FSC: 6520

NIIN: 00F002924

MSDS Number: BBLZM

### **Responsible Party**

AUSTENAL DENTAL, INC

5101 SOUTH KEELER AVENUE

CHICAGO , IL 60632

Emergency Phone: (312) 735-0601

Info Phone: (800) 624-0176

Preparer: JOHN CRINION

Cage: EO702

### **Contractor**

AUSTENAL DENTAL, INC

CHICAGO, IL 60632

(800) 621-0176

Cage: EO702

### **Ingredients**

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight:

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

### **Hazards**

Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: SKIN/EYES: IRRITATION & BURNS.

INHALATION/INGESTION: MUCOUS MEMBRANE IRRITATION.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: EYES/SKIN: IRRITATION & BURNS.

INGESTION/INHALATION: MUCOUS MEMBRANE IRRITATION.

## First Aid

First Aid:SKIN/EYES: FLUSH W/LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING & SHOES. CALL PHYSICIAN. INGESTION: DON'T INDUCE VOMITING. DON'T GIVE CARBONATES. HAVE PATIENT DRINK LARGE QUANTITIES OF WATER.

## Fire Fighting

Extinguishing Media:WATER, DRY CHEMICAL, CO2, OR POLYMER FOAM  
Fire Fighting Procedures:COOL CONTAINER W/WATER IF EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:CONTACT W/METALS PRODUCES FLAMMABLE HYDROGEN GAS.

## Accidental Release

Spill Release Procedures:CONTAIN SPILL W/SAND IF NECESSARY. DILUTE SPILL W/WATER.  
Neutralizing Agent:LIME OR SODA ASH

## Handling

Handling and Storage Precautions:DON'T GET IN EYES OR ON SKIN. AVOID BREATHING VAPORS. STORE IN COOL, WELL VENTILATED AREA AWAY FROM ALL OXIDIZING MATERIALS.  
Other Precautions:PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS OUT OF SUN & AWAY FROM HEAT. TIGHTLY SEAL AFTER USING.

## Exposure Controls

Respiratory Protection:NONE FOR NORMAL USE.  
Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP Protective Gloves:RUBBER  
Eye Protection:FACE SHIELD, SAFETY GOGGLES  
Other Protective Equipment:LONG SLEEVE SHIRT & RUBBER APRON  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:212F  
Vapor Density:1.27  
Spec Gravity:1.09  
Evaporation Rate & Reference:(BU AC = 1): Solubility in Water:COMPLETELY  
Appearance and Odor:CLEAR COLORLESS LIQUID WITH A PUNGENT ODOR.  
Percent Volatiles by Volume:19%

## Stability

Stability Indicator/Materials to Avoid:YES  
METALS, LIBERATING FLAMMABLE HYDROGEN GAS, SULFURIC ACIDS & SODIUM HYDROXIDE.  
Stability Condition to Avoid:HEAT, SUNLIGHT  
Hazardous Decomposition Products:HYDROGEN CHLORIDE VAPOR & HYDROGEN GAS

## Disposal

Waste Disposal Methods:FLUSH NEUTRALIZED SOLUTION INTO SEWER W/LARGE QUANTITIES OF WATER.

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