

ELECTRO POLISHING SOLUTION

MSDS Number

BBLXZ

National Stock Number

6520-00F002891

Product Name

ELECTRO POLISHING SOLUTION

Manufacturer

AUSTENAL DENTAL INC

Product Identification

Product ID:ELECTRO POLISHING SOLUTION

MSDS Date:11/18/1986

FSC:6520

NIIN:00F002891

MSDS Number: BBLXZ

Responsible Party

AUSTENAL DENTAL, INC

5101 SOUTH KEELER AVENUE

CHICAGO , IL 60632

Emergency Phone: (312) 735-0601

Info Phone: (800) 621-0176

Preparer: JOHN CRINION

Cage: EO702

Contractor

AUSTENAL DENTAL, INC

CHICAGO, IL 60632

(800) 621-0176

Cage: EO702

Ingredients

ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS: KW2975000

Fraction By Weight:

OSHA PELC 50 PPM

ACGIH TLV: C 50 PPM,VAPOR; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight:

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

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:YES

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

Health Hazards Acute and Chronic:INHALATION: RESPIRATORY IRRITATION.

INGESTION: SEVERE BURNS OF MOUTH, ESOPHAGUS, STOMACH & KIDNEY

DAMAGE. SKIN/BURNS: SEVERE BURNS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: RESPIRATORY IRRITATION. INGESTION:

SEVERE BURNS OF MOUTH, ESOPHAGUS, STOMACH & KIDNEY DAMAGE.

SKIN/EYES: SEVERE BURNS & BODY TISSUE BURNS.

First Aid

First Aid:EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. INHALATION: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. INGESTION: INDUCE VOMITING. CALL PHYSICIAN.

Fire Fighting

Lower Limits:3.2%

Upper Limits:15.3%

Extinguishing Media:WATER, DRY CHEMICAL, CO2. DON'T LET WATER GET INSIDE CONTAINERS OF POLISHING SOLUTION.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:REACTS W/MOST METALS, ESPECIALLY WHEN DILUTED TO YIELD FLAMMABLE HYDROGEN GAS. USE CARE NOT TO IGNITE HYDROGEN GAS. GENERATES HEAT UPON ADDITION OF WATER.

Accidental Release

Spill Release Procedures:CONTAIN SPILL IF POSSIBLE. NEUTRALIZE SPILL W/LIME OR SODA ASH. SOAK UP W/ABSORBENT MATERIAL.

Neutralizing Agent:LIME & SODA ASH

Handling

Handling and Storage Precautions:DON'T ADD WATER TO POLISHING SOLUTION. DON'T GET IN EYES, ON SKIN/CLOTHING. AVOID BREATHING VAPOR OR MISTS.

Other Precautions:WASH HANDS THOROUGHLY AFTER HANDLING.

Exposure Controls

Respiratory Protection:NOT REQUIRED FOR NORMAL USE.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:RUBBER APRON.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

Chemical Properties

Spec Gravity:1.216
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS & ODORLESS LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES
METALS, LIBERATING HYDROGEN GAS, OXIDIZING MATERIALS, ORGANIC
PEROXIDES, & STRONG REDUCING AGENTS.
Stability Condition to Avoid:HIGH TEMPERATURES
Hazardous Decomposition Products:HYDROGEN CHLORIDE VAPOR, HYDROGEN GAS,
SULFUR DIOXIDE.

Disposal

Waste Disposal Methods:CHECK STATE & LOCAL EPA REGULATIONS OF APPROVED
DISPOSAL METHOD.

=====

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.