

J & J PHOSPHORIC ACID ETCHING SOLUTION

MSDS Number

BRTHG

National Stock Number

6520-01-173-8901

Product Name

J & J PHOSPHORIC ACID ETCHING SOLUTION

Manufacturer

ASH DENTSPLY

Product Identification

Product ID: J & J PHOSPHORIC ACID ETCHING SOLUTION

MSDS Date: 03/22/1988

FSC: 6520

NIIN: 01-173-8901

Kit Part: Y

MSDS Number: BRTHG

Responsible Party

ASH/DENTSPLY

570 WEST COLLEGE AVE

YORK, PA 17405-0872

US

Emergency Phone: 717-845-7511

Info Phone: 717-845-7511

Cage: 2J095

Contractor

ASH/DENTSPLY

YORK, PA 17405-0872

US

717-845-7511/800-877-0020

Cage: 2J095

Ingredients

WATER

CAS: 7732-18-5

RTECS: ZC0110000

PHOSPHORIC ACID (SARA III)

CAS: 7664-38-2

RTECS: TB6300000

OSHA PEL1 MG/M3/3 STEL

ACGIH TLV: 1 MG/M3/3 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

THICKNER GEL

Hazards

LD50 LC50 Mixture:ORAL, RAT LD50= 1530 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-CORROSIVE TO ALL TISSUES.
EYES:CHEMICAL BURNS. SKIN:CHEMICAL BURNS. INHALATION:IRRITATION OF
UPPER RESPIRATORY TRACT. INGESTION:POISON AND CORROSIVE, CAN CAUSE
DAMAGE TO GI AND ORAL TISSUES. CHR ONIC-ULCERATION.
Effects of Overexposure:EYE:REDNESS, CHEMICAL BURNS, PAIN, TEARING,
SWELLING, IMPAIRED VISION. SKIN:REDNESS, SWELLING, DRYNESS,
BLISTERING, ITCHING & PAIN. INHALATION: COUGHING.
INGESTION:VOMITING, ABDOMINAL PAIN, NAUSEA, OR AL & GI BURNS.
Medical Cond Aggravated by Exposure:SKIN DISEASES.

First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. EYE CONTACT:FLUSH WITH WATER
FOR 15 MINUTES. GET MEDICAL HELP. SKIN CONTACT:WASH WITH SOAP AND
WATER. GET MED ATTENTION IF SYMPTOMS PERSIST. INGESTION:DO NOT
INDUCE VOM ITING, DRINK 1-2 GLASSES OF WATER, MILKOR MILK OR
MAGNESIA, EGG WHITE BEATEN WITH WATER. GET MEDICAL HELP
IMMEDIATELY.

Fire Fighting

Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING
APPARATUS IF NEEDED.
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC VAPORS IN THE HEAT OF
FIRE.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA.
COVER SPILL WITH A SLURRY OF SODA ASH AND SLAKED LIME. COLLECT
SPILLED MATERIAL. CLEAN UP RESIDUE. PLACE IN A US DOT-APPROVED
CONTAINER AND SEAL.
Neutralizing Agent:SODA ASH AND SLAKED LIME.

Handling

Handling and Storage Precautions:STORAGE-STORE AT ROOM TEMPERATURE.
KEEP AWAY FROM STRONG ALKALIS.
Other Precautions:AVOID CONTACT WITH EYES AND SKIN. USE IN A WELL
VENTILATED AREA. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP AWAY
FROM REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH
VAPORS/MIST IS GENERATED, USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC
VAPORS AND MISTS. WEAR SUPPLIED-AIR RESPIRATOR PROTECTION IN
CONFINED OR ENCLOSED SPAC ES.
Ventilation:GOOD GENERAL VENTILATION.
Protective Gloves:RUBBER
Eye Protection:SPLASH-PROOF GOGGLES/FACE SHIELD
Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND
IMPERVIOUS CLOTHING
Work Hygienic Practices:WASH HANDS BEFORE EATING OR DRINKING. KEEP AWAY
FROM FOOD.
Supplemental Safety and Health
THIS PRODUCT IS A KIT, WHICH CONSISTS OF THREE PARTS, THIS ITEM IS PART
C, ETCHING SOLUTION, 2X14ML: KEY1:J6. PART A IS UNIVERSAL RESIN,
2X5.5ML; SAME NSN. PART B IS CATALYST RESIN, 2X5.5 ML; SAME NSN .
ALL THREE ARE CONTAINED IN ONE PACKAGE.

Chemical Properties

HCC:C1
Boiling Pt: =261.1C, 502.F
Spec Gravity:1.3
Appearance and Odor:WATER CLERAR GEL/SOLUTION, ODORLESS

Stability

Stability Indicator/Materials to Avoid: YES

STRONG ALKALIS, METALS.

Stability Condition to Avoid: FIRE

Hazardous Decomposition Products: NONE LISTED. POSSIBLY OXIDES OF PHOSPHORUS AND SILICON.

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. FLUSH SPENT SOLUTIONS AND SMALL QUANTITIES (LESS THAN 5 GAL./19L) TO A WASTEWATER TREATMENT SYSTEM. DISCHARGE NEUTRALIZED WASTE PRODUCT TO A WASTEWATER TREATMENT SYSTEM.

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.