
2544 PHOSPHORIC ACID ETCH

MSDS Number

BJCVH

National Stock Number

6520-01-240-5799

Product Name

2544 PHOSPHORIC ACID ETCH

Manufacturer

JOHNSON AND JOHNSON DENTAL CARE COMPANY

Product Identification

Product ID:2544 PHOSPHORIC ACID ETCH

MSDS Date:03/22/1988

FSC:6520

NIIN:01-240-5799

MSDS Number: BJCVH

Responsible Party

JOHNSON & JOHNSON DENTAL CARE COMPANY

501 GEORGE STREET

NEW BRUNSWICK , NJ 08903

Cage: 64397

Contractor

JOHNSON & JOHNSON DENTAL CARE COMPANY

NEW BRUNSWICK, NJ 08903

US

201-524-6723

Cage: 64397

Ingredients

PHOSPHORIC ACID (SARA III)

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight: 35-38%

OSHA PEL1 MG/M3/3 STEL

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

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

WATER, H2O

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 62-65%

THICKENER

Fraction By Weight:

Hazards

LD50 LC50 Mixture:ORAL LD50 RAT: 1530 MG/KILO
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: CORROSIVE & BURNS. EYES: SERIOUS INJURY OR PERMANENT BLINDNESS. INGESTION: CORROSIVE & POISON.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:SKIN: CORROSIVE & BURNS. EYES: MAY CAUSE SERIOUS INJURY OR PERMANENT BLINDNESS. INGESTION: CORROSIVE & POISON.

First Aid

First Aid:EYES: FLUSH W/COPIOUS QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. SEEK MED ATTN. SKIN: FLUSH W/WATER, THEN WATER CONTAINING SODIUM BICARBONATE. CALL PHYSICIAN. INGESTION: GIVE TAP WATER, MILK OF MAGN ESIA. GIVE WHITE OF EGGS BEATEN W/WATER. DON'T INDUCE VOMITING. CALL PHYSICIAN.

Fire Fighting

Extinguishing Media:NON-FLAMMABLE

Accidental Release

Spill Release Procedures:COVER THE CONTAMINATED SURFACE W/SODIUM BICARBONATE. MIX & ADD WATER TO FORM A SLURRY. SCOOP UP SLURRY & STORE IN ACCEPTABLE CONTAINER.

Handling

Handling and Storage Precautions:DON'T GET INTO EYES, SKIN, OR CLOTHING. KEEP IN TIGHTLY CLOSED CONTAINER.

Other Precautions:NONE

Exposure Controls

Respiratory Protection:NONE REQUIRED
Protective Gloves:RUBBER, LATEX
Eye Protection:CHEMICAL SPLASH GOGGLES
Other Protective Equipment:NONE
Supplemental Safety and Health
ACID ETCH SOLUTION IS INCLUDED IN ALL POLYMERIC MATERIAL KITS & BONDING AGENT KITS.

Chemical Properties

Boiling Pt:B.P. Text:261C
Melt/Freeze Pt:M.P/F.P Text:42.4C
Spec Gravity:1.3
Appearance and Odor:WATER CLEAR, ODORLESS SOLUTION OR GEL

Stability

Stability Indicator/Materials to Avoid:YES
METALS
Hazardous Decomposition Products:HYDROGEN (FLAMMABLE GAS)

Disposal

Waste Disposal Methods:DILUTE W/LARGE QUANTITIES OF WATER & DISPOSE INTO SINK. LARGE QUANTITIES SHOULD BE DISPOSED OF BY PROFESSIONAL DISPOSAL SERVICE.

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