

NITRIC ACID

MSDS Number

BFCPH

National Stock Number

6750-00-526-3722

Product Name

NITRIC ACID

Manufacturer

E I DUPONT DE NEMOURS AND CO INC

Product Identification

Product ID:NITRIC ACID

MSDS Date:01/01/1985

FSC:6750

NIIN:00-526-3722

MSDS Number: BFCPH

Responsible Party

E.I. DUPONT DE NEMOURS & CO,INC.

1007 MARKET STREET

WILMINGTON , DE 19899

US

Emergency Phone: 800-441-7515

Info Phone: 800-441-7515

Cage: 19898

Contractor

E.I. DUPONT DE NEMOURS & CO., INC.

1635

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 19898

Ingredients

NITRIC ACID (SARA III)

CAS: 7697-37-2

RTECS: QU5775000

Fraction By Weight: >90%

OSHA PEL2 PPM/4 STEL

ACGIH TLV: 2 PPM/4 STEL; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Effects of Overexposure:SEVERE HAZARD.CAUSES SEVERE BURNS TO EYES/SKIN.VAPOR CAUSES PULMONARY EDEMA.

First Aid

First Aid: REMOVE TO FRESH AIR; GET MEDICAL ATTENTION; GIVE CPR OR OXYGEN IF NEED. IF CONTACT, FLUSH W. H₂O FOR 15 MIN. SPEED OF REMOVAL IS CRITICAL. REMOVE & ISOLATE CONTAMINATED CLOTHING. KEEP WARM & QUIET. EFFECTS MAY BE DELAYED; OBSERVE VICTIM.

Fire Fighting

Extinguishing Media: WATER OR CARBON DIOXIDE ON FIRES INVOLVING NITRIC ACID.

Fire Fighting Procedures: WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTAINED BREATHING APP.

Unusual Fire/Explosion Hazard: RELEASE OF OXIDES OF NITROGEN.

Accidental Release

Spill Release Procedures: ELIMINATE IGNITION SOURCES. STOP LEAK WITHOUT RISK. EVACUATE AREA. SMALL SPILL: ABSORB WITH INERT ABSORBENT, FLUSH AREA WITH WATER. LARGE SPILL: NEUTRALIZE WITH SODA ASH. FLUSH NEUTRALIZED SOLUTION TO SEWER IN ACCORDANCE WITH INTERNATIONAL, FEDERAL, & LOCAL REGULATIONS.

Handling

Handling and Storage Precautions: STORE IN ALUMINUM DRUMS (49 CFR 173.268) OR TANKS IN COOL AREA AWAY FROM DIRECT SUNLIGHT. VENT DRUMS ROUTINELY TO RELEASE PRESSURE.

Other Precautions: KEEP AWAY FROM COMBUSTIBLE MATERIAL.

Exposure Controls

Respiratory Protection: WEAR SELF-CONTAINED BREATHING APP

Ventilation: LOCAL EXHAUST TO MAINTAIN BELOW TLV.

Protective Gloves: RUBBER

Eye Protection: GOGGLES/FACE SHIELD

Other Protective Equipment: WEAR FULL PROTECTIVE CLOTHING AND BOOTS.

Supplemental Safety and Health

Chemical Properties

HCC: D1

Boiling Pt: B.P. Text: 202°F/94°C

Vapor Pressure: 68

Vapor Density: 1.5

Specific Gravity: 1.5

Evaporation Rate & Reference: 0

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS TO PALE YELLOW LIQUID. ACIDIC ODOR.

Stability

Stability Indicator/Materials to Avoid: YES

OXIDIZABLE ORGANICS, MOST METALS, FLAMMABLE LIQUIDS, HCN, H₂S.

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: OXIDES OF NITROGEN

Disposal

Waste Disposal Methods: WEAR RUBBER GLOVES, SCBA, PROTECT CLOTHING. ADD SLOWLY TO LARGE VOLUME OF AGITATED SOLUTION OF NA₂CO₃ & CA(OH)₂. ADD THIS SOLUTION TO LARGE EXCESS OF H₂O. ELIMINATE IGNITION SOURCES OR KEEP IN COVERED DRS. HANDLE & DISPOSE UNDER ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE & LOCAL REGULATIONS.

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