

E.I. DUPONT DENEMOURS & CO,INC -- NITRIC ACID,REAGENT -- 6810-00-130-1912

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Product Identification
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Product ID:NITRIC ACID,REAGENT

MSDS Date:01/01/1985

FSC:6810

NIIN:00-130-1912

MSDS Number: BCZYW

=== Responsible Party ===

Company Name:E.I. DUPONT DENEMOURS & CO,INC

Address:1007 MARKET STREET

Box:1635

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:800-441-7515

Emergency Pho

ne Num:800-441-7515

CAGE:EO721

=== Contractor Identification ===

Company Name:E.I. DUPONT DE NEMOURS & CO

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515;800-441-9442

CAGE:18873

Company Name:E.I. DUPONT DENE NEMOURS/WILMINGTON, DE 19898

Box:1635

CAGE:EO721

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Composition/Information on Ingredients
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Ingred Name:NITRIC ACID (SARA III)

CAS:7697-37-2

RTECS #:QU5775000

Fraction by Wt: 70%

OSHA PEL:2 PPM/4 STEL

ACGIH TLV:2 PP

M/4 STEL; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 30%

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Hazards Identification
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Effects of Overexposure:LIQ & VAPOR CAUSES SEVERE BURNS.HARMFUL IF
INHALED.W LUNG INGURY.MAY PORDUCE DANGEROUS TOXIC GASES

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First Aid Measures
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First Aid:SKIN/EYES:FLUSH W PLENTY WATER.INHALED:REMOVE TO FRESH
AIR.GIVE CPR/O*2 IF NEED.REMOVE &
WASH CONTAMINATED CLOTHES.GIVE LG
AMTS WATER W MILK OF MAGNESIA,MILK,MGO,EGG WHITES,OLOVE OIL.DO NOT
INDUCE VOM ITING.AVOID CARBONATES.CALL A PHYSICIAN.

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Fire Fighting Measures
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Extinguishing Media:FOR FIRE IN AREA,USE WATER SPRAY TO COOL
CONTAINERS.
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD
BRTHG APP.
Unusual Fire/Explosion Hazard:OXIDIZER INCREASES COMBUSTIBILITY.CAN
IGNITE COMBUST,OXID MATL.MAY PROD
UCE TOXIC GAS.METALS GIV H*2.

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Accidental Release Measures
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Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK W/O
RISK. EVACUATE AREA. SM SPILL:ABSORB WITH INERT ABSORBENT,FLUSH
AREA WITH WATER. LG SPILL:NEUTRALIZE WITH SODA ASH. FLUSH
NEUTRALIZED SOLUTION TO SEWER IN ACC ORDANCE WITH INTERNATIONAL
FED,STA, & LOCAL REGS.

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Handling and Storage
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Handling and Storage Precautions:STORE

IN COOL, DRY, WELL VENT, LOW FIRE

RISK AREA. PROTECT CONTRS FROM PHYS DAMAGE. KEEP OUT OF DIR RAYS OF SUN AWAY FR ORG PROD & OTHER EASILY OXID MATL

Other Precautions: LOOSEN CLOSURES CAREFULLY. NEVER USE PRESSURE TO EMPTY. WASH CONTAINERS BEFORE RE-USE. DO NOT BREATHE VAPOR. AVOID CONTACT. WASH THOROUGHLY AFTER HANDLING. REFER TO DUPONT NITRIC ACID DATA SHEET.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection: SCBA, SUPPLIED AIR RESPIRATOR

Ventilation: LOCAL EXHAUST TO MAINTN BELOW TLV. USE ADEQUATE VENT.

Protective Gloves: RUBBER

Eye Protection: CHEM SPLASH GOGGLES

Other Protective Equipment: RUBBER BOOTS, FULL PROTECTIVE CLOTHING, HARD HAT, CHEMICAL SUIT.

Supplemental Safety and Health

SYNONYM: AQUA FORTIS, AZOTIC ACID, ENGRAVER S ACID. MSDS EFFECTV: 2/1/80. BP RAGNE(119-122C) SP GR RANGE(1.355-1.422)

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===== Physical/Chemical Properties =====

HCC: C1

Boiling Pt: B.P. Text: 246-252F

Vapor Pres: 9.5

Vapor Density: 1

Sp

ec Gravity: 1.389

Evaporation Rate & Reference: APPROX 1 (BU AC=1)

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS-LT BROWN CLEAR LIQ.; ACRID ODOR.

Percent Volatiles by Volume: 100

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

CYANIDES, SULFIDES, ORGANICS, METALS, CARBIDES, OXIDIZABLE MATL.

Stability Condition to Avoid: HEAT, IGNITION SOURCES

Hazardous Decomposition Products: NITROGEN OXIDES AND OTHER OXIDES; TOXIC FUMES;

FLAM GAS

===== Disposal Considerations =====

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.IF APPRVD,DRAIN DILUTE/NEUTRALZD ACID TO TREATMENT PLAN T.

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