

E.I. DUPONT DE NEMOURS & CO, INC -- NITRIC ACID WEAK 42 DEG BAUME -- 6810-00-237-2918

===== Product Identification =====

Product ID:NITRIC ACID WEAK 42 DEG BAUME

MSDS Date:01/01/1985

FSC:6810

NIIN:00-237-2918

MSDS Number: BDLXP

=== Responsible Party ===

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

Address:1007 MARKET STREET

Box:1635

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:800-441-7515

Emergency Phone Num:800-441-7515

CAGE:19898

=== Contra

ctor 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 DE NEMOURS & CO., INC.

Box:1635

CAGE:19898

===== Composition/Information on Ingredients =====

Ingred Name:NITRIC ACID (SARA III)

CAS:7697-37-2

RTECS #:QU5775000

Fraction by Wt: 67.2%

OSHA PEL:2 PPM/4 STEL

ACGIH TLV:2 PPM/4 STEL; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:10

00 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 32.8%

===== Hazards Identification =====

Effects of Overexposure:CAUSES SEVERE BURNS.VAPOR/GAS EXTREME
HAZARD.SYMPTOMS MAY BE DELAYED.MAY CAUSE NITROUS GAS POISON.

===== First Aid Measures =====

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 CRITI
CAL. REMOVE & ISOLATE CONTAMINATED CLOTHING. KEEP
WARM & QUIET.EFFE CTS MAY BE DELAYED; OBSERVE VICTIM.

===== Fire Fighting Measures =====

Extinguishing Media:WATER SPRAY IN CASE OF FIRES CAUSED BY SPILLAGE.
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD
BRTHG APP.
Unusual Fire/Explosion Hazard:SPILL MAY CAUSE FIRE OR LIBERATE
DANGEROUS GAS.INCREASES FLAMMABILITY OF ORGANICS & OXIDIZABLES.

===== Accidental Rel
ease Measures =====

Spill Release Procedures:DO NOT TOUCH SPL MTL. SM SPL: ABSORB W SAND,
OTHER NONCOMB ABSORB; FLUSH W H2O.LLG SPL: DIKE FAR AHEAD OF SPL
FOR LATER DISP. STOP LK. NO IGN SOURC. ISOLATE AREA UNTIL GAS
DISPERSED.USE H2O SPRY TO RE DUCD VAPORS. KEEP UPWIND. PROVIDE
VENT.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP OUT OF SUN IN COOL AREA.PROTECT
FROM PHYSICAL DAMAGE LOOSEN CAP CAREFUL

LY.NEVER USE PRESSURE TO
EMPTY.RE CAP AFTER USE.KEEP AWAY FROM COMBUSTIBLS
Other Precautions:BEFORE MOVING,MAKE SURE CAP FASTENED.STORE IN VENTED
AREA.WASH CLOTHES BEFORE RE-USE.ELIMINATE IGNITION SOURCES.

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

Respiratory Protection:NONE FOR NORMAL USE.USE SPECIAL EQUIPMENT IN
CONFINED AREAS.
Ventilation:LOCAL EXHAUST TO MAINTAIN ADEQUATE VENT.MECH-HOODS(SUPP).
Protective Gloves:RUBBER
Eye Protection:GOGGLES/FACE SHIEL
D
Other Protective Equipment:RUBBER ACID SUIT/BOOTS,QAUNTLETS.ORLON
CLOTHING,GOGGLES.
Supplemental Safety and Health
MSDS EFFECTIVE:3/1/73.VAPOR DENSITY CALCULATED.VENTILATION:USE DOWN
DRAFT EXHAUST SYSTEMS.

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

HCC:C1
Boiling Pt:B.P. Text:248F,120C
Vapor Pres:4
Vapor Density:1.4
Spec Gravity:1.4078
Evaporation Rate & Reference:< 1 (ETHER = 1)
Solubility in Water:COMPLETE
Appearance and Odor:WATER WHITE-PALE YELLOW LI
QUID WITH AN ACRID ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
METALS,ALKALI,CARBIDES,HYDROGEN SULFIDE,FLAMMABLES ACIDS
Stability Condition to Avoid:SPILLAGE MAY RELEASE DANGEROUS GAS.
Hazardous Decomposition Products:OXIDES OF NITROGEN.

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

Waste Disposal Methods:WEAR RUBBER CLOVES,SCBA, PROTECT CLTHG. ADD
SLOWLY TO LG V

OL OF AGITATED SOLN OF Na_2CO_3 & $\text{Ca}(\text{OH})_2$. ADD THIS
SOLN TO LG EXCESS OF H_2O . ELIM IGN SOURCES OR KEEP IN COVD DRS.
HDLE & DISPOSE LW ALL APPL INTERN, FED, STATE & LOCAL REGS.

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