

E.I.DUPONT DE NEMOURS & COMPANY,INC -- NITRIC ACID,ELECTRONIC GRADE --
6810-00-237-2954

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

Product ID:NITRIC ACID,ELECTRONIC GRADE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-237-2954

MSDS Number: BDLYS

=== Responsible Party ===

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

Address:1007 MARKET STREET

Box:1635

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Nu

m:800-441-7515

Emergency Phone Num:800-441-7515

CAGE:DO229

=== 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 DE NEMOURS & CO INC

Address:549 ALBANY STREET

Box:1635

City:BOSTON

State:MA

ZIP:02118

Phone:800-441-7515

CAGE:DO229

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

Ingred Name:NITRIC ACID (SARA III)

CAS:7697-37-2
RTECS #:QU5775000
Fraction by Wt: 70.5%
OSHA PEL:2 PPM/4 STEL
ACGIH TLV:2 PPM/4 STEL; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:UNIDENTIFIED COMPONENTS(AS IMPURITIES NOT SPECIFIED)
Fraction by Wt: UNK

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

Effects of Overexposure:VAP OR MISTS ARE EXTREMELY IRRITATING & CAUSE
BURNS.FUMES ARE PARTICULARLY HARMFUL *SEE ADDL DATA*

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

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First Aid:INH:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.GET MED
ATTN;EYES/SKIN:FLUSH W/LG AMT H*2O FOR 15 MIN.REMOVE CONTMNTD
CLOTHES/SHOES.WASH CLOTHES BEFORE RE-USE.GET MED ATTN;ING:GIVE LG
QTY MILK/WATER CONTNG MAGNESIA MILK.DO NOT INDUCE VOMITG.GET MD.

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

Flash Point:NONE
Extinguishing Media:LARGE VOLUMES OF WATER,DRY CHEMICAL, OR CO*2.
Fire Fighting Procedures:USE SELF-CNTND BREATHG APPARATUS FOR
VAP
OR/MIST.

===== Accidental Release Measures =====

Spill Release Procedures:USE PROTECTIVE EQUIPMENTS.ELIM IGN
SOURCES.EVACUATE UNPROTECTED PERSONS.STOP LEAK AT SOURCE W/O
RISK.SM SPILL/LEAK SHOULD BE FLUSHD AWAY BY FLOODING W/H*2O QUICKLY
ENTIRE SPILL;MAJOR SPILL SHOULD BE N EUTRALIZE W/ SODA ASH OR LIME.

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

Handling and Storage Precautions:STORE IN COOL DRY,WELL VENTILATED
AREA.KEEP C

CONTAINERS TIGHTLY CLOSED. STUDY THE LABEL FOR MORE
DETAILS ON STORAGE; WASH HANDS & CONTNRS AFTER HANDLING.
Other Precautions: IF INGESTED, AVOID CARBONATES. GIVE NO EMETICS. GIVE H₂O
BEATEN W/EGG WHITE OR OLIVE OIL; TO DILUTE, ALWAYS ADD ACID TO H₂O
SLOWLY IN SM QTY (NEVER H₂O TO ACID); KEEP FROM CHILDREN.

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

Respiratory Protection: USE W/ADEQUATE VENTILATION.
Ventilation: PROVIDE SUFFICIENT (LOCAL EXHAUST &/OR MECH (GEN)
VE
NTILATION.
Protective Gloves: PVC
Eye Protection: CHEM SPLASH GOGGLES
Other Protective Equipment: USE CHEMICALLY RESISTANT BOOTS, CLOTHING, ETC.
Supplemental Safety and Health
OTHER PRECAUTIONS: REMOVE CAPS/CLOSURES CAREFULLY TO AVOID SPURTNG. AVOID
BREATHG VAP (MISTS/VAP ARE HARMFUL IF INHALED). DO NOT GET IN EYES, ON
SKIN, OR CLOTHG. USE W/ADEQUATE VENTILATION.

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

HCC: C4
NRC/State Lic Num: NOT RELEVANT
Boiling Pt: =119.4C, 247.F
Vap
or Pres: UNK
Vapor Density: UNK
Spec Gravity: 1.42
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR LIQUID, SUFFOCATING YELLOWISH IN COLOR.
Percent Volatiles by Volume: UNK

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

Stability Indicator/Materials to Avoid: YES
ACETIC ACID, ANILINE, H₂CR₂O₄, ACETONE, ALCOHOL, FLAMM LIQ, HCN, CU
Hazardous Decomposition Products: OXIDES ON NITROGEN, NITROUS FUMES.

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

Waste Disposal

Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE &
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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