

E.I. DUPONT DE NEMOURS & CO,INC. -- HYDROCHLORIC ACID REAGENT -- 6810-00-753-4786

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

Product ID:HYDROCHLORIC ACID REAGENT

MSDS Date:01/01/1985

FSC:6810

NIIN:00-753-4786

MSDS Number: BFNCW

=== 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:800-441-751

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Emergency Phone Num:800-441-7515

CAGE:19898

=== 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.

Box:1635

CAGE:19898

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

Ingred Name:HYDROCHLORIC ACID,CAS# 7647-01-0

RTECS #:MN4025000

Fraction by Wt: 36.5%

ACGIH TLV:(C) 5 PPM

Ingred Name:WA

TER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 63.5%

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

Effects of Overexposure:EYES/SKIN:CAUSES BURNS. VAPORS/DUST:IRRITATS  
INGEST:SEVERE DAMAGE, CAN BE FATAL.

===== 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 CRITICAL. REMOVE & ISOLATE CONTAMINATED CLOTH  
ING. KEEP  
WARM & QUIET.EFFE CTS MAY BE DELAYED; OBSERVE VICTIM.

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

Extinguishing Media:CO2, FOAM, DRY CHEM & H2O FOG.  
Fire Fighting Procedures:NEUTRALIZE W SODA ASH OR SLAKED LIME; PROTECTV  
CLOTHES(SUPP)  
Unusual Fire/Explosion Hazard:CONTACT WITH COMMON METALS PRODUCES  
HYDROGEN GAS WHICH MAY FORM EXPLOSIVE MIXTURES WITH AR.

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

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.

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

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 P

ROD & OTHER EASILY OXID MATL

Other Precautions:NEVER USE PRESSURE TO EMPTY. KEEP CONTAINER CLOSED.

WASH CLOTHING BEFORE REUSE

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

Respiratory Protection:WEAR SELF-CNTND BRTHG APP

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.( 1 (N-BUTYL ACETATE =1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS-LT YELLOW FUMING LIQ,PUNGENT ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity Dat

a =====

Stability Indicator/Materials to Avoid:YES

STRONG REDUCERS,ALKALI,METALS,OXIDIZERS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:HYDROGEN CHLORIDE VAPORS,HYDROGEN

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

Waste Disposal Methods:WEAR RUBBER CLOVES,SCBA, PROTECT CLTHG. ADD SLOWLY TO LG VOL OF AGITATED SOLN OF  $\text{Na}_2\text{CO}_3$  &  $\text{Ca}(\text{OH})_2$ . ADD THIS SOLN TO LG EXCESS OF  $\text{H}_2\text{O}$ . ELIM IGN SOURCES OR KEEP IN COVD DRS. HDLE & DISPOSE L

W ALL APPL INTERN, FED, STATE & LOCAL REGS.

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