

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

5

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 NA2 CO2 & CA(OH)2. ADD THIS SOLN TO LG EXCESS OF H2O. ELIM IGN SOURCES OR KEEP IN COVD DRS. HDLE & DISPOSE L

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

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.