

ASHLAND CHEMICAL COMPANY -- HYDROCHLORIC ACID,REAGENT ACS -- 6810-00-237-2955

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Product Identification
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Product ID:HYDROCHLORIC ACID,REAGENT ACS

MSDS Date:01/01/1985

FSC:6810

NIIN:00-237-2955

MSDS Number: BDLZG

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL COMPANY

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:606-324-1133

C

AGE:5A188

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

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Composition/Information on Ingredients
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Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7647-01-0

RTECS #

:MW4025000
Fraction by Wt: >60%
OSHA PEL:C 5 PPM
ACGIH TLV:C 5 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Effects of Overexposure:EYES:SEV DAMAGE,BLINDS RAPIDLY;SKIN:BURNS, DEEP
ULCERATION;INH:MIST DAMAGES NASAL & SEE SUPPL DATA

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

First Aid:SKIN:IMMED FLUSH W/H2O FOR AT LEAST 15 MIN. GET MED
HELP;EYES:FLUSH W/LG AMT H2O FOR 15 MIN.GET MED AT
TN IMMED.IF DR
NOT AVAILABLE CONTINUED FLUSHG W/H2O;INH:REMOVE TO FRESH AIR GIVE
OXY/CPR IF NEEDED ;ING:DO NOT IND VOMIT.DILUTE W/H2O/MILK.GET MD.

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

Flash Point:NONE
Extinguishing Media:WATER FOG,CO2 OR DRY CHEMICAL
Fire Fighting Procedures:USE SELF-CONTND BRTHG APP W/FULL FACEPIECE
UNDER PRESSURE
Unusual Fire/Explosion Hazard:REACTS W/MOST METALS TO RELEASE H2 GAS
WHICH CAN FORM EXPLOSVE MIXTURES W/AIR.

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

Spill Release Procedures:SM:COVER CONTMNTD AREA W/SOD BICARBONATE OR
SODASH/SLKD LIME(50%) MIXTRE.FORM SLURR W/H2O.SCOOP UP SLURRY &
WASH AREA W/SODA ASH SOLN;LG:EVACUATE UNPROTCTD PERSONS.USE PROTCTV
EQUIPMNTS.STOP LEAK W/O RISK.DIKE TO PREVENT SPREADNG.PUMP TO
SALVGE TANK

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

Handling and Storage Precautions:KEEP MATL IN COOL/DRY PLACE.STORE AWAY

FROM NH3 SOLN,OXIDZNG,FLAMM MATL;HANDLE THIS MATL BY USING APPROPRIATE SAFETY EQUIPMENTS.KEEP CONTNRS TIGHT.
Other Precautions:ALWAYS ADD SLOWLY TO COLD WATER.IN SM AMTS;NEVER USE HOT H2O.NEVR ADD H2O TO ACID;ALWAYS ACID TO H2O;EMPTY CONTNRS ARE HAZ. OBSER ALL HAZ PRECAUTIONS FOR EMPTY CONTNRS.

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

Respiratory Protection:NIOSH/MSHA JOINTLY APPRVD AIR SUPPLD RESP IF TLV EXCEEDS LIMITS
Ventilation:MECH(GEN &/OR LOCA L)VENTILATION TO KEEP EXPOSURE BELOW TLV.
Protective Gloves:NEOPRENE/PVC
Eye Protection:CHEM SPLASH GOGG/FACESHLD
Other Protective Equipment:TO PREVENT SKIN CONTACT,WEAR IMPERVIOUS CLOTHING & BOOTS.
Supplemental Safety and Health
RESP PASSGS;ING:SEV DAMAGE TO MUCOUS MEMBRNE/DEEP TISSUES;NET QTY IN UNIT BOTTLE UNK;MSDS FM MFR DATED:02/ 78(78044)DATA SHEET #04090-001

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

HCC:C1
Boiling Pt:B.P. Text:230F,110C
Vapor Pres:
25
Vapor Density:1.2
Spec Gravity:1.179
Evaporation Rate & Reference:> 1.0
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS OR SLIGHTLY YELLOW,FUMING,PUNGENT LIQUID
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
OXIDIZNG/FLAMMABLE MATL;ALKALI METAL/STRONG ALKALIS NH3
Stability Condition to Avoid:UNK
Hazardous Decomposition Products:MAY FORM TOXIC MATLS:HYDROGEN CHLORIDE,ACID FUMES,

ETC

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

Waste Disposal Methods:SM:FLUSH DOWN DRAIN W/LG AMT H2O IAW APPLICABLE REGULATIONS;LG SPILL:COLLECT & ADD SLOWLY TO LG VOL OF AGITATED SOLN OF SODA ASH & SLAKED LIME.ADD NEUTRALIZED SOLUTION TO EXCESS RUNNING WATER IAW ALL APPLICABLE FEDERAL,STATE & LOCAL REGULATIONS.

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