

CHEMICAL COMMODITIES (DIST),STAUFFER CHAMICAL(MFR) -- HYDROCHLORIC ACID --  
6750-00-200-4206

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

Product ID:HYDROCHLORIC ACID

MSDS Date:01/01/1985

FSC:6750

NIIN:00-200-4206

MSDS Number: BDJGJ

=== Responsible Party ===

Company Name:CHEMICAL COMMODITIES (DIST),STAUFFER CHAMICAL(MFR)

Address:BERGEY RD

Box:100

City:HATFIELD

State:PA

ZIP:19440

Country:US

CAGE:00063

=== Con

tractor Identification ===

Company Name:CHEMICAL COMMODITIES(DIST),KEYSTONE-INGHAM(MFR).

Box:1087R

Phone:213-926-4461

CAGE:00063

Company Name:STEIERT A AND SON INC

Address:BERGEY RD

Box:100

City:HATFIELD

State:PA

ZIP:19440

Country:US

CAGE:97856

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

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 36.0%

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT R

pt Qty:5000 LBS

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

Effects of Overexposure:IRRITATION OF NOSE & LUNGS.LIQUID CAUSES BURNS TO SKIN & EYES.IF INHALED,MAY BE HARMFUL,SHOCK,FEVER.

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

First Aid:MOVE VICTIM TO FRESH AIR,CALL DOCTOR.REMOVE & ISOLATE CONTAMINATED CLOTHING & SHOES.IN CASE OF CONTACT W/MATERIAL,IMMEDIATELY FLUSH SKIN OR EYES W/RUNNING WATER FOR AT LEAST 15 MIN.KEEP VICTIM QUIET & MAINTAIN NORMAL BODY TEMP.

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

Extinguishing Media:SODA ASH,FLAKED LIME,CO\*2,DRY CHEMICAL EXTINGUISHERS OR H\*2O  
Unusual Fire/Explosion Hazard:HCL IS NON-FLAMMABLE,BUT IN CONTACT W/VARIOUS MATERIALS,ITS CORROSIVE ACTION WILL CAUSE H\*2 TO EVOLV

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

Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL,STOP LEAK IF YOU CAN DO IT W/OUT RISK.SMALL SPILLS:TAKE UP W/SAND,OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL,THEN FLUSH AREA W/WATER,OR COVER W/SODIUM CARBONATE OR AN EQUAL MIX OF SODA ASH & SLAKED LIME.

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

Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE.STORE IN A COOL,WELL-VENTILATED PLACE SEPARATED FROM OXIDIZING SUBSTANCES.WEAR RUBBER GLOVES.DO NOT STAY IN SUN  
Other Precautions:WEAR SELF CONTAINED BREATHING APPARATUS,STORE IN WELL-VENTILATED PLACES & AWAY FROM HIGHLY FLAMMABLE SUBSTANCES,ALSO AWAY FROM ELEVATORS,GANGWAYS & ALL LOCALS WHERE MOVING OBJECTS MAY FALL.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS W/CHEMICAL PROTECTIVE SUIT.  
Ventilation:MECHANICAL IS REQUIRED  
Protective Gloves:RUBBER  
Eye Protection:FACE SHIELDS,SAFETY GOGGLES  
Other Protective Equipment:SAFETY SHOWERS,RUBBER OR ACID RESISTANT APRONS & BOOTS.

Supplemental Safety and Health

DEVLIST DTD 13 APR 62 ASAPH 40104 IS USED IN CONJUNCTION

WITH FED.SPEC.0-C-275.DO NOT STORE ITEM NEAR HEATING DEVICES OR  
DIRECT SUNLIGHT (SUNS).

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

HCC:C1

Boiling Pt:B.P. Text:230F

Vapor Pres:73

Spec Gravity:1.17

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS TO SLIGHTLY YELLOW LIQ./SHARP ODOR

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

Stability

Indicator/Materials to Avoid:YES

METALS & METAL OXIDES,WHICH EVOLVES ESPLOSIVE H\*2 GAS,OXIDS.

Stability Condition to Avoid:HCL WILL YELLOW UPON EXPOSURE TO

IRON,CHLORINE,ORG.SUBSTANCE

Hazardous Decomposition Products:TOXIC & IRRITATION VAPORS WHEN

HEATED,L.G.CHLORINE GAS.

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

Waste Disposal Methods:ADD SLOWLY TO A LARGE AMOUNT OF SOLUTION OF SODA  
ASH & SLAKED LIME BY STIRRING.DISCHARGE THE SOLUTION W/LARGE AMOUNT  
O

F WATER INTO A SINK LINED W/PROTECTIVE MATTING & FILLED W/CHIPPED  
MARBLE OR DISPOS E ACCORDING TO LOCAL REGULATIONS.

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