

BARTLETT CHEMICALS -- HYDROCHLORIC ACID (LESS THAN 4%) -- 6810-01-118-2612

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Product Identification  
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Product ID:HYDROCHLORIC ACID (LESS THAN 4%)

MSDS Date:05/10/1994

FSC:6810

NIIN:01-118-2612

MSDS Number: BTRXF

=== Responsible Party ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Info Phone Num:504-734-1971

Emergency Phon

e Num:504-734-1971

CAGE:1V771

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

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Phone:504-734-1971

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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

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:OSHA PEL 5PPM (TW).

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL:IRRIT TO RESPIRATORY TRACT.

INGEST:BURNING SENSATION, VOMITING, DIARRHEA. SKIN:IRRIT, REDNESS, PAIN, BURNS. EYE:IRRIT FROM SPLASHES. SEVERE BURNS & EYE DAMAGE. IN ALL CASES SYMPTOMS ARE EXPECTED TO BE LESS SEVERE THAN EXPOSURE TO HIGHER CO

NCENTRATIONS OF HYDROCHLORIC ACID. CHRONIC:NO INFORMATION FOUND.

Effects of Overexposure:INHAL:RESPIRATORY TRACT IRRITATIN.

INGEST:BURNING SENSATION, VOMITING, DIARRHEA. SKIN IRRITATION, REDNESS, PAIN, BURNS. EYE IRRITATION, SEVERE BURNS & EYE DAMAGE.

Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

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First Aid Measures  
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First Aid:INHAL:REMOVE TO FRESH AIR. GET MED ATTN FOR ANY BREATHING DIFFICULTY. INGEST:GIVE SEVERAL GLA

SSES OF WATER TO DRINK TO

DILUTE. IF LG AMTS WERE SWALLOWED, GET MED ADVICE. SKIN:WASH AREA W/SOAP & WATER. GET MED ADVICE IF IRRIT DEVELOPS. EYE:WASH THOROUGHLY W/RUNNING WATER. GET MED ADVICE IF IRRIT DEVELOPS.

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Fire Fighting Measures  
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Flash Point:NONE

Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUDNING FIRE.

Fire Fighting Procedures:IN EVENT OF FIRE, WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED SCBA W/FU

LL FACEPIECE OPERATED IN

PRESSURE DEMAND OR OTHER POS PRESSURE MODE.

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO A AN EXPLOSION HAZARD NOR A FIRE HAZARD.

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Accidental Release Measures  
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Spill Release Procedures:COVER SPILL W/SODIUM BICARBONATE OR SODA ASH;MIX.LET STAND FOR SHORT TIME TO COMPLETE

NEUTRALIZATION.TRANSFER TO CLOSED PREFERABLY METAL CONTAINER & SENT TO APPROVED WASTE DISPOSAL FACILITY.WASH SPILL AREA W/SODA ASH SOLUT

ION & FLUSH W/LOTS OF WATER.  
Neutralizing Agent:SODIUM BICARBONATE OR SODA ASH.

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

Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER,  
STORED IN COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL  
DAMAGE.

Other Precautions:REFER TO ACGIH DOCUMENT "INDUSTRIAL VENTILATION, A  
MANUAL OF RECOMMENDED PRACTICES" FOR DETAILS ON VENTILATION SYSTEM.

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

Respiratory Protection:IF THE TLV IS EXCEEDED A NIOSH APPORVED  
DUST/MIST RESPIRATOR MAY BE WORN UP TO TEN TIMES THE TLV. CONSULT  
RESPIRATOR SUPPLIER FOR DETAILS.

Ventilation:LOCAL &/OR GEN EXHAUST IS RECOMMENDED TO KEEP EXPOUSRES  
BELOW AIRBORNE EXPOSURE LIMITS. LOCAL EXHAUST IS PREFERRED.

Protective Gloves:ACID RESISTANT GLOVES.

Eye Protection:CHEM SAFETY GOGGLES.

Other Protective Equipment:MAINTAIN EYEWASH FOUNTAIN & QUICK-DRENCH  
FACILITIES IN WORK AREA.CONTACT LENSES S  
HOULDN'T BE WORN WHEN  
WORKING W/MATL.

Work Hygienic Practices:WEAR PROTECTIVE CLEAN BODYCOVERING CLOTHING.  
WASH HANDS AFTER HANDLING MATERIAL.

Supplemental Safety and Health

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

HCC:C1

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Vapor Pres:WATER

Vapor Density:WATER

Spec Gravity:1

Evaporation Rate & Reference:WATER

Solubility in Water:SOLUBLE (INFINITELY)

Appearance and Odor:CLEAR, COLORLESS S

OLUTION, SLIGHT HYDROGEN CHLORIDE  
ODOR.

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

Stability Indicator/Materials to Avoid: YES

NO INCOMPATIBILITY DATA FOUND.

Stability Condition to Avoid: NOT SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: EMITS TOXIC FUMES OF CHLORINE WHEN  
HEATED TO DECOMPOSITION.

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

Waste Disposal Methods: ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL  
REGULATIO

NS. REPORTABLE QUANTITY (RQ) (CWA/CERCLA): 5000 LBS  
HYDROCHLORIC ACID.

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