

HAWK CREEK LABORATORY, INC. -- HYDROCHLORIC ACID,0.10N (#5091-17-8) -- 6810-01-082-0379

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Product Identification  
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Product ID:HYDROCHLORIC ACID,0.10N (#5091-17-8)

MSDS Date:01/01/1987

FSC:6810

NIIN:01-082-0379

MSDS Number: BGKXH

=== Responsible Party ===

Company Name:HAWK CREEK LABORATORY, INC.

Address:RT 1, SIMPSON ROAD

Box:686

City:GLEN ROCK

State:PA

ZIP:17327-9622

Country:US

Info Phone

Num:717-235-3849

Emergency Phone Num:717-235-3849

CAGE:61084

=== Contractor Identification ===

Company Name:HAWK CREEK LABORATORY, INC.

Address:RT 1, SIMPSON ROAD

Box:686

City:GLEN ROCK

State:PA

ZIP:17327-9622

Country:US

Phone:717-235-3849

CAGE:61084

Company Name:INDUSTRIAL MUNICIPAL EQUIPMENT, INC.(FORMERLY BOHEMIA,NY)

Address:1430 PROGRESS WAY SUITE 105

Box:City:SYKESVILLE

State:MD

ZIP:21784

Country:US

Phone:410-795-0500; FAX:410-795-1373

CAGE:53390

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Composition/Information on

Ingredients =====

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

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 0.3%

Other REC Limits:NONE SPECIFIED BY M.

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: >99%

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IA

RC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES/SKIN:IRRITATION/BURNS.

INHALATION:CAUSES SEVERE IRRITATION TO THE RESPIRATORY TRACT.

INGESTION: HARMFUL IF SWALLOWED. SEVERE IRRITATION OR BURNS OF THE  
INTESTINAL TRACT. CHRONIC-SKIN:IRRITATION/ALLERGIC REACTION.

Effects of Overexposure:EYES:SEVERE PAIN & EYE DAMAGE. SKIN:SEVERE  
IRRIT/BURNS INHALATION:COUGHING, DIFFICULTY IN BREATHING, PULMONARY  
EDEMA.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/ OXYGEN IF  
NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL  
HELP. SKIN CONTACT:WASH WITH SOAP AND WATER. GET MED ATTENTION IF  
SYMPTOMS PERSIST. INGESTION:DO NOT INDUCE VOMITING, DRINK 1-2  
GLASSES OF WATER/MILK. GET MEDICAL HELP IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:NON-FLAMMABLE

E; USE MEDIA APPROPRIATE FOR  
SURROUNDING FIRE

Fire Fighting Procedures:WEAR SCBA WHEN FIRE-FIGHTING IN AN ENCLOSED  
SPACE

Unusual Fire/Explosion Hazard:MAY RELEASE ACID FUMES(HCL) WHEN  
VAPORIZED BY HEAT IN A FIRE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ABSORB ON INERT  
MATERIAL & SAVE FOR DISPOSAL. RESIDUE MAY BE NEUTRALIZED WITH 5%  
SOLUTION OF SOD. BICARBONATE SOLUTION.

Neutralizing Agent:5% SOL  
UTION OF SODIUM BICARBONATE.

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

Handling and Storage Precautions:WEAR RUBBER GLOVES, SAFETY GOGGLES,  
PROTECTIVE APRON & FILTER MASK. KEEP CONTAINER TIGHTLY SEALED.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE  
VAPORS; WASH THOROUGHLY AFTER EACH USE.DO NOT USE CONTAMINATED  
CLOTHES.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE  
NIOSH APPROVED SELF-  
CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING  
OR USING IN CONFINED SPACES.

Ventilation:AS NEEDED TO MAINTAIN CONCENTR. OF MATERIAL BELOW TLV

Protective Gloves:RUBBER TYPE

Eye Protection:CHEMICAL/SAFETY GOGGLES

Other Protective Equipment:AS REQUIRED FOR TASK UNDER CONSIDERATION

Work Hygienic Practices:AVOID CONTACT.

Supplemental Safety and Health  
NONE

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

HCC:C1

Vapor Density:1.25

Spec Gravity:1.0

pH:< 2

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID; FAINT ACRID ODOR.

Percent Volatiles by Volume:18

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

Stability Indicator/Materials to Avoid:YES

ALKALIES,AMINES,CONTACT WITH METAL

Stability Condition to Avoid:MFR STATES: "NONE"

Hazardous Decomposition Products:MAY RELEASE HCL VAPORS IN INTENSE HEAT  
OF FIRE.

Conditions to Avoid Polymerization:WILL NOT POLYMERIZE

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

Waste Disposal Methods:DISPOSE OF I/A/W CURRENT FEDERAL, STATE & LOCAL  
REGULATIONS.

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