

INDUSTRIAL MUNICIPAL EQUIPMENT, INC.(FORMERLY BOHEMIA,NY) -- #5091, HYDROCHLORIC ACID, N/10 (SEE SUPPL) -- 6810-01-082-0379

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

Product ID:#5091, HYDROCHLORIC ACID, N/10 (SEE SUPPL)

MSDS Date:10/01/1999

FSC:6810

NIIN:01-082-0379

Status Code:A

MSDS Number: CLMFM

=== Responsible Party ===

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

Address:1

430 PROGRESS WAY SUITE 105

City:SYKESVILLE

State:MD

ZIP:21784

Country:US

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

Emergency Phone Num:(800)424-9300

Preparer's Name:NOT PROVIDED

Chemtrec Ind/Phone:(800)424-9300

CAGE:53390

=== Contractor Identification ===

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

Company Name:LASMER INDUSTRIES INC

Address:555 MILL RUN RD

Box:City:KERRVILLE

State:TX

ZIP:78028

Country:US

Phone:210-895-4400

Contract Num:SP0450-01-M-ZH04

CAGE:32783

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

Ingred Name:HYDROCHLORIC ACID

CAS:7647-01-0

RTECS #:MW4025000

= Wt:.4

Other REC Limits:NOT PROVIDED

OSHA PEL:C7 MG/M3;C5 PPM

ACGIH STEL:C7.5 MG/M3;C5 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:OTHER COMPONENTS

< Wt:1.

Other REC Limits:NOT PROVIDED

LV:NOT PROVIDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: BALANCE

Other REC Limits:NOT PROVIDED

Code:F

Code:F

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

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:CONTACT MAY CAUSE PERMANENT DAMAGE TO EYES, SEVERE BURNS, AND ULCERATIONS ON SKIN. INHALATION OF VAPORS MAY DAMAGE RESPIRATORY TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:CONTACT MAY CAUSE PERMANENT DAMAGE TO EYES, SEVERE BURNS, AND ULCERATIONS ON SKIN. INHALATION OF VAPORS MAY DAMAGE RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES: GET IMMEDIATE MEDICAL ASSISTANCE. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR AND GIVE ARTIF

ICIAL RES PIRATION IF BREATHING HAS STOPPED. INGESTION: DO NOT INDUCE VOMITING. GIVE MILK OR WATER IF CONSCIOUS. GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE.

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

Flash Point:NON-FLAMMABLE.

Extinguishing Media:DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS, PROTECTIVE CLOTHING AND FACE SHIELD.

Unusual Fire/Explosion Hazard:REACTS WITH MOST METALS TO FORM HYDROGEN GAS WHICH CA

N FORM EXPLOSIVE MIXTURES WITH AIR.

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

Spill Release Procedures:NEUTRALIZE WITH SODA ASH, ABSORB WITH SAND OR VERMICULITE AND SCOOP UP AND CONTAINERIZE FOR PROPER DISPOSAL.
Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM IGNITION SOURCE.
Other Precaution
s:WASH THOROUGHLY AFTER HANDLING. EMPTY CONTAINERS MAY BE HAZARDOUS DUE TO RETAINED RESIDUE.

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

Respiratory Protection:WEAR SELF CONTAINED BREATHING APPARATUS IN HIGH VAPOR AREAS. DO NOT BREATHE VAPORS OR MIST.
Ventilation:PROVIDE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION.
Protective Gloves:SAFETY GLOVES
Eye Protection:SAFETY GOGGLES.
Other Protective Equipment:NOT PROVIDED
Work Hygienic Practices:NOT PROVIDED
Supple
mental Safety and Health
PART NUMBER FOR LASMER INDUSTRIES: 5091-17-8

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

HCC:C1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:NOT AVAILABLE
Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:NOT PROVIDED
Vapor Density:N/AV
Spec Gravity:1.00
pH:NOT PROVIDED
Viscosity:NOT PROVIDED
Evaporation Rate & Reference:NOT PROVIDED
Solubility in Water:SOLUBLE
Appearance and Odor:CLEAR, COLORLE

SS LIQUID WITH ACRID ODOR.
Percent Volatiles by Volume:NOT PROVIDED
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
NOT PROVIDED
Stability Condition to Avoid:HEAT AND CONTACT WITH OXIDIZIERS, AND
METAL POWDERS.
Hazardous Decomposition Products:HCl GAS

===== Toxicological Information =====

Toxicological Information:HCL ORAL-RAT LD50: 900 MG/KG. INH-HMN LDLO:
1000 PPM
/1H

===== Ecological Information =====

Ecological:NOT PROVIDED

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

Waste Disposal Methods:COMPLY WITH ALL LOCAL, STATE AND FEDERAL
REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT - CORROSIVE MATERIAL, UN 1788.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS A
TOXIC CHEMICAL OR
CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF
TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT
(SARA): HYDROCHLORIC ACID
Federal Regulatory Information:NOT PROVIDED
State Regulatory Information:NOT PROVIDED

===== Other Information =====

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