

KESSLER CHEM, INC (FROM LINDEN CHLORINE PRODUCTS) -- MURIATIC ACID -- 6810-00-823-8010

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

Product ID:MURIATIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-823-8010

MSDS Number: BFRCS

=== Responsible Party ===

Company Name:KESSLER CHEM, INC (FROM LINDEN CHLORINE PRODUCTS)

Address:STREET RD

Box:270

City:NEW HOPE

State:PA

ZIP:18938-9216

Country:US

Emergency Phone Num:80

0-424-9300(CHEMTREC)

CAGE:4R228

=== Contractor Identification ===

Company Name:KESSLER CHEM, INC (FROM LINDEN CHLORINE PRODUCTS)

Address:STREET RD

Box:City:NEW HOPE

State:PA

ZIP:18938-9216

Country:US

CAGE:4R228

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

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

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 33%

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

=====

Hazards Identification =====

LD50 LC50 Mixture:LD50 ORAL RBT IS 900MG/KG

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

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

Health Hazards Acute and Chronic:**CORROSIVE** EYES:MAY CAUSE SEVERE IRRITATION,BURNS AND POSSIBLE PERMANENT VISUAL IMPAIRMENT.SKIN:MAY CAUSE SEVERE IRRITATION,BURNS AND ULCERATIONS.INGEST:MAY CAUSE SEVERE GI TRACT IRRITATION.INHAL:M AY CAUSE SEVERE RESPIRATORY IRRITATION.CHRONIC:

MAY DAMAGE LUNGS AND TEETH AND CAUSE DERMATITIS.

Explanation of Carcinogenicity:7YDROCHLORIC ACID IS CLASSIFIED IARC-3(INSUFFICIENT EVIDENCE-HUMAN).

Effects of Overexposure:PROLONGED CONTACT WITH EYES - PERMANENT VISUAL IMPAIRMENT. INHALATION CAN CAUSE LUNG EDEMA

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE

CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.GET MEDICAL ATTENTION.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRAT ION IF NEEDED.GET MEDICAL ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE WATER OR MILK OR MAGNESIA.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROU NDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:A LATENT EXPLOSION HAZARD. IT REACTS WITH COMMON METALS TO RELEASE HYDROGEN.

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

Spill Release Procedures:BARRICADE SPILL AREA. NEUTRALIZE WITH LIME OR SODA ASH. FLUSH AWAY BY FLOODING WITH WATER.

Neutralizing Agent:SODA ASH,SLAKED LIME.

===== Handling and Storage

=====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A N

IOSH/MSHA APPROVED RESPIRATOR FOR ACID GAS, DEPENDING ON THE AIRBORN CONCENTRATION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:FULL RUBBER SUIT IF EXPOSED TO SPRAY OR HIGH VAPOR CONCENTRATIONS.PROVIDE LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health
NONE

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

HCC:C1

Boiling Pt:B.P. Text:230F, 110C

Spec Gravity:1.17

Solubility in Water:INFINITE

Appearance and Odor:CLEAR COLORLESS TO MILD YELLOW LIQ. PUNGENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIES. CHEMICALLY REACTIVE WITH METALS

Stability Condition t

o Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:HYDROGEN

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

Waste Disposal Methods:NEUTRALIZE WITH ALKALINE MATERIAL. FOLLOW
PERTINENT GOVERNMENTAL REGULATIONS FOR LARGE SCALE DISPOSAL.DISPOSE
OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of
Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.