View NSN Online: https://aerobasegroup.com/nsn/6810-01-340-5178

FISHER SCIENTIFIC, CHEMICAL DIV. -- A466 HYDROCHLORIC ACID, CONCENTRATED 36-37% --

6810-01-340-5178

Product ID:A466 HYDROCHLORIC ACID, CONCENTRATED 36-37%

MSDS Date:01/29/1996

FSC:6810

NIIN:01-340-5178

MSDS Number: BNRVC === Responsible Party ===

Company Name: FISHER SCIENTIFIC, CHEMICAL DIV.

Address: 1 REAGENT LANE

City:FAIR LAWN

State:NJ ZIP:07410 Country:US

Info

Phone Num:201-796-7100 OR 201-796-7523

Emergency Phone Num:201-796-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name: DAIGGER A AND CO INC

Address:620 LAKEVIEW PKY

Box:City:ALSIP

State:IL ZIP:60803 Country:US

Phone:847-816-5060

CAGE:15747

Company Name: FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802 Country:US

Phone:201-796-7100

CAGE:1B464

Company Name: FISHER SCIENTIFIC COMPANY

Address:52 FADEM ROAD.DOMEST

IC DIVISION
City:SPRINGFIELD
State:NJ
ZIP:07081
Country:US
Phone:201-796-7100
CAGE:94480

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

Ingred Name: HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA 302/313)

(CERCLA) CAS:7647-01-0

RTECS #:MW4025000 Fraction by Wt: 36-38%

Other REC Limits: NONE RECOMMENDED

**OSHA PEL:C 5 PPM** 

ACGIH TLV:C 5 PPM; 9495 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000 Fraction by Wt: BALANCE

Other REC Limi

ts:NONE RECOMMENDED

LD50 LC50 Mixture:LD50 (ORAL RABBIT) IS 900 MG/KG Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES: SEVERE IRRITATION, PAINFUL BURNS. SKIN: SEVERE BURNS. INHALATION: ULCERATION OF NOSE, THROAT, LARYNX. INGESTION: SEVERE BURNS OF MUCOUS MEMBRANE OF MOUTH, ESOPHAGUS, STOMACH. CHRONIC-EYES: P

ERMANENT VISUAL IMPAIRMENT,

TOTAL LOSS OF SIGHT. SKIN: DERMATITIS. INHALATION: EDEMA OF LUNGS. Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES:PAINFUL BURNS. SKIN:SEVERE BURNS.
INHALATION:COUGHING,BURNING OF THROAT,CHOKING SENSATION.
INGESTION:LIPS AND MOUTH USUALLY TURN WHITE,AND LATER BROWN.PAIN IN
THE THROAT AND STOMACH,DIFFICULTY IN SWALLOWING,INTENSE
THIRST,NAUSEA AND

- First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MED ICAL ATTENTION.
  - SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.
- ========== Fire Fighting Measures ==============
- Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
- Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATH
- ING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
- Unusual Fire/Explosion Hazard: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. CORROSIVE VAPORS. FIGHT FIRE FROM DISTANCE.
- ======== Accidental Release Measures ==========
- Spill Release Procedures:WEAR SCBA AND PROTECTIVE CLOTHING.NEUTRALIZE WITH LIME,SODA ASH OR LIMESTONE SOLUTIONS.NEUTRALIZATION WILL EVOLVE CARBON DIOXIDE.IN ENCLOSED SPACES,PROVIDE AMPLE
- VENTILATION.ABSORB IN INERT MATERIAL, A ND PLACE IN APPROPIATE DISPOSAL CONTAINER.
- Neutralizing Agent:LIME(CALCIUM HYDROXIDE),SODA ASH(SODIUM CARBONATE),LIMESTONE(CALCIUM CARBONATE).
- Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.
- Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AV

OID

PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection: POWERED AIR-PURIFYING RESPIRATOR WITH AN ACID GAS CARTRIDGE OR SELF-CONTAINED BREATHING APPARATUS AS REQUIRED FOR THE EXPOSURE OF CONCERN.

Ventilation: GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN ENCLOSED AREAS.

Prote

ctive Gloves:RUBBER, PVC.

Eye Protection: CHEMICAL GOGGLES AND/OR FULL FACE SHIELD

Other Protective Equipment:IMPERVIOUS CLOTHING, FOOTWEAR AND HEAD GEAR. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

HCC:C1

Boiling Pt:=195.6C, 384.F

Vapor Density:1.3 Spec Gravity:1.2

pH:1@0.1N

Solubility in Water: COMPLETE.

Appearance and Odor:COLORLESS OR SLIGHTLY YELLOW FUMING LIQUID WITH A PUNGENT ODOR.

Percent Volatiles by Volume:36

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

Stability Indicator/Materials to Avoid:YES

WATER AND METALS PRODUCE EXPLOSIVE HYDROGEN GAS, STRONG OXIDIZING AGENTS MAY CAUSE VIOLENT REACTION AND IGNI

TION.
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES

Hazardous Decomposition Products: POISONOUS CHLORINE GAS.

OF IGNITION

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

Waste Disposal Methods:NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,
STATE AND LOCAL LAWS AND REGULATIONS.

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