

SULFURIC ACID

MSDS Number

BBDNG

National Stock Number

6850-00D000922

Product Name

SULFURIC ACID

Manufacturer

ESSEX INDUSTRIAL CHEMICALS INC

Product Identification

Product ID:SULFURIC ACID

MSDS Date:01/01/1987

FSC:6850

NIIN:00D000922

MSDS Number: BBDNG

Responsible Party

ESSEX INDUSTRIAL CHEMICALS,INC

1401 BROAD ST

CLIFTON , NJ 07015

US

Cage: 3U945

Contractor

ESSEX INDUSTRIAL CHEMICALS INC

CLIFTON, NJ 07015

US

201-773-6300

Cage: 3U945

Ingredients

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: >80%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Effects of Overexposure:CORROSIVE:MAY CAUSE SEVERE IRRIT.BURNS OF SKIN,EYES AN RESP.TRACT;INGEST:HARMFUL OR FATAL

First Aid

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

Fire Fighting

Flash Point:NON-FLAMMABLE
Extinguishing Media:NO FIRE HAZARDS;USE ANY MEDIA FOR SURROUNDING FIRES.
Fire Fighting Procedures:COOL CONTAINERS WITH WATER;USE NIOSH FOR SURROUNDING FIRES.
Unusual Fire/Explosion Hazard:STRONG OXIDIZER.IT MAY CAUSE FIRE WITH OTHER ORG.MATERIALS;WILL ATTACK SOME METALS,GIVE FLAMMABL H*2

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;DIKE CONTAMINATED AREA;RECOVER FREE LIQUID;USE SUITABLE INTERTABSCORBENT MATERIAL;NEUTRALIZE WITH SODA ASH OR LIME AND RECOVER FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions:STORE ONLY IN APPROVED CONTAINER;SELECT COOL,DRY AND WELL VENTILATED AREA;USE PROPER PERSONAL PROTECTION.KEEP AWAY FROM IGNITION SOURCES.
Other Precautions:AVOID CONTACT WITH SKIN AND EYES,CLOTHES;DO NOT INHAL MIST/VAPORS.WASH THOROUGHLY AFTER EACH USE.DO NOT EAT DRINK,SMOKE IN WORK AREA.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ACID VAPORS/MIST IF ABOVE TLV
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:NEOPRENE
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION
Supplemental Safety and Health
MSDS DATED:11/16/83

Chemical Properties

HCC:C1
Boiling Pt:B.P. Text:535F/279C
Vapor Pres:Spec Gravity:1.8354
Appearance and Odor:CLEAR TO SLIGHTLY TURBID;OFF WHITE TO STRAW COLOR

Stability

Stability Indicator/Materials to Avoid:YES
ALKALINE MATERIALS;SALTS OF OTHER ACID,ORG.MATERIALS,COMBUST
Stability Condition to Avoid:WATER;EXTREME HEAT.
Hazardous Decomposition Products:IF HEATED,FUMES OF SO*2 AND SO*3.

Disposal

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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