

S.O.S., 21640

MSDS Number

BXFNW

National Stock Number

7930-00N058906

Product Name

S.O.S., 21640

Manufacturer

KEY TECHNOLOGY INC

Product Identification

Product ID:S.O.S., 21640

MSDS Date:08/19/1991

FSC:7930

NIIN:00N058906

MSDS Number: BXFNW

Responsible Party

KEY TECHNOLOGY INC

HOUSTON , TX 77218-8681

US

Emergency Phone: 800-535-5053

Info Phone: 713-579-0637

Preparer: P.T.W.

Cage: 0CKF9

Contractor

KEY TECHNOLOGY INC

HOUSTON, TX 77218-8681

US

713-579-0637

Cage: 0CKF9

Ingredients

SULFURIC ACID (SARA 302/313) (CERCLA)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: 2-6%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3;3 STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

AMMONIUM HYDROGEN FLUORIDE; (AMMONIUM BIFLUORIDE) (CERCLA)

CAS: 1341-49-7

RTECS: BQ9200000

Fraction By Weight: 2-6%

OSHA PEL2.5 MG/M3 (F)

ACGIH TLV: 2.5 MG/M3 (F)

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

PHOSPHORIC ACID (SARA 313) (CERCLA)

CAS: 7664-38-2

RTECS: TB6300000

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3;3 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:MAY IRRITATE EYES OR EXPOSED

MUCOUS MEMBRANES. DERMAL IRRITATION: SLIGHT. EYE IRRITATION:

MODERATE. MAY CAUSE IRRITATION TO EXPOSED AREAS. INHALATION OF

VAPORS MAY CAUSE DIZZINESS OR HEADACHE ON PROLONGED BREATHING. IF

SWALLOWED MAY CAUSE GASTRIC IRRITATION. CHRONIC:NONE KNOWN.

Explanation of Carcinogenicity:SULFURIC ACID:IARC MONOGRAPHS ON EVAL OF

CARCIN RISK OF CHEMS TO MAN, VOL 54, PG 41, 1992:GRP 1. ANIMAL:PULM

IRRIT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:UNKNOWN.

First Aid

First Aid:EYES:FLUSH W/FRESH WATER FOR AT LEAST 15 MINUTES. SEE MD IMMEDIATELY, BUT WASH FIRST. SKIN:WASH W/SOAP & WATER & RINSE WELL.

INHAL:DO NOT BREATHE VAPORS. IF SYMPTOMS OCCUR, LEAVE AREA.

INGEST:DRINK LA RGE QUANTITY OF WATER OR MILK. DO NOT INDUCE

VOMITING. IF IRRITATION PERSISTS/SYMPTOMS OF INHALATION OCCUR, GET

MEDICAL HELP.

Fire Fighting

Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE .

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE.

Accidental Release

Spill Release Procedures:STOP LEAK. NEUTRALIZE TO PH BETWEEN 6 & 10.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. AVOID EYE CONTACT. DO NOT INGEST. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

Other Precautions:CORROSIVE. DANGER! THIS CONTAINER HAZARD WHEN EMPTIED. SINCE EMPTIED CONTAINER RETAINS PRODUCT RESIDUES (VAPOR OR LIQUID), ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:GENERAL MECHANICAL VENTILATION.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS(SUPDAT)

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . RUBBER APRON, COVERALLS, RUBBER BOOTS.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
EYE PROT:& FULL LENGTH FACESHIELD .

Chemical Properties

Boiling Pt:B.P. Text:>200F,>93C
Spec Gravity:1.03 (H*20=1)
pH:2-4
Appearance and Odor:CLEAR LIQUID.
Percent Volatiles by Volume:

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:NONE.
Hazardous Decomposition Products:OXIDES OF SULFUR & NITROGEN.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS . NEUTRALIZED MATERIAL MAY BE FLUSHED TO SEWER.

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