

O-4525, SULFANILAMIDE

MSDS Number

BPLBZ

National Stock Number

6810-00N015831

Product Name

O-4525, SULFANILAMIDE

Manufacturer

FISHER SCIENTIFIC

Product Identification

Product ID: O-4525, SULFANILAMIDE

MSDS Date: 05/18/1988

FSC: 6810

NIIN: 00N015831

MSDS Number: BPLBZ

Responsible Party

FISHER SCIENTIFIC

1 REAGENT LANE

FAIR LAWN , NJ 07410-2802

US

Emergency Phone: 201-796-7100

Info Phone: 201-796-7100

Cage: 1B464

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

PRESENCE OF SYMPS.) GIVE METHYLENE BLUE, 1% SOLN,

RTECS: 9999999ZZ

NOT AVAIL, GIVE ASCORBIC ACID, 1 GM SLOWLY IV.

RTECS: 9999999ZZ

ABOVE 40%. CONTINUE O*2 THERAPY FOR AT LEAST 2 HRS

RTECS: 9999999ZZ

BE GIVEN BY QUALIFIED MEDICAL PERSONNEL.

RTECS: 9999999ZZ

CYANOSIS. OTHER SYMPS MAY INCL CEREBRAL & GI EFTS

RTECS: 9999999ZZ

EVEN UNCON. TOX FEVER MAY DEVELOP ONE/MORE DAYS AFTER

RTECS: 9999999ZZ

OF MORE SERIOUS MANIFESTATIONS OF POISONING, NAMELY

RTECS: 9999999ZZ

AGRANULOCYTIC ANGINA, DERM OR TOX NEURITIS. JAUNDICE

RTECS: 9999999ZZ

SYMPS SIMILAR TO ACUTE

RTECS: 9999999ZZ

FROM ORAL ADMINISTRATION FOR 1-22 DAYS IN PREGNANT

RTECS: 9999999ZZ

HAZARD AREA & DENY ENTRY. VENTILATE CLOSED

RTECS: 9999999ZZ

TO MAX RESP PROT. CHEM CARTRIDGE RESP W/ORG VAP

RTECS: 9999999ZZ

FULL FACEPIECE. HIGH-EFFICIENCY PARTICULATE RESP

RTECS: 9999999ZZ

EFFICIENCY FILTER W/FULL FACEPIECE. TYPE "C"

RTECS: 9999999ZZ

OR OTHER POS PRESS MODE OR W/FULL FACEPIECE, HELMET

RTECS: 9999999ZZ

FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER

RTECS: 9999999ZZ

IF VICTIM IS CONSCIOUS, IMMEDIATE GIVE

RTECS: 9999999ZZ

TO BACK OF THROAT. GET MD IMMEDIATE.

RTECS: 9999999ZZ

SULFANILAMIDE

CAS: 63-74-1

RTECS: WO8400000

Fraction By Weight: 100%

MACULOPAPULAR ERYTHEMATOUS SKIN ERUPTIONS,

RTECS: 9999999ZZ

REPORTED. SYSTEMIC EFTS FROM ORAL ADMIN MAY INCL

RTECS: 9999999ZZ

ASTIGMATISM, CONJUNCT & TEMPORARY IMPAIRMENT OF DEPTH

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:LD50:(ORAL RAT) 10500 MG/KG

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

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

Health Hazards Acute and Chronic:SULFANILAMIDE IS A METHEMOGLOBIN FORMER. POISONING MAY AFFECT LIVER/KIDNEYS. CONCURRENT ADMIN OF VARIOUS DRUGS W/SULFANILAMIDE MAY CAUSE ADVERSE EFTS. TOPICAL OR ORAL USE OF PARA-AMINOBENZOIC ACID ANT AGONIZED SULFONAMIDE EFT; MARKEDLY INCRD ANTICOAGULANT EFTS W/ORAL ANTICOAGULANTS; POSS ADDITIVE BONE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:MARROW DEPRESS W/CHLORAMPHENICOL; POSS

INCR HYPOGLYCEMA EFT W/ORAL HYPOGLYCEMIAS; POSS ADDITIVE

HEPATOTOXICITY W/HEPATOTOXINS; ACIDIFIES THE URINE, INCR POSS OF

SULFONAMIDE CRYSTALLURIA W/MET HENAMINE; INCR IN SERUM

METHOTREXATEE LEVELS, POSS LEADING TO TOX W/METHOTREXATE; MAY INCR

HEPATIC METABOLISM (SUP DAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL:MOVE TO FRESH AIR IMMED. IF BRTHG HAS STOPPED, PERFORM ARTF RESP. KEEP PERS WARM/AT REST. GET MD IMMED. SKIN:REMOVE CONTAMD CLTHG/SHOES IMMED. WASH AFFECTED AREA W/SOAP/MILD DETERGENT & LGE AMTS OF WATER FOR AT LEAST 15-20 MINS UNTILNO CHEM REMAINS. GET MD IMMED. EYES:WASH IMMED W/LGE AMTS OF WATER, OCCASNLY LIFTING UPPER/LOWER LIDS, UNTIL NO CHEM REMAINS (15-20 MINS). GET MD IMMED.(ING 17)

Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:USE DRY CHEMICAL, CO*2, HALON, WATER SPRAY OR STANDARD FOAM. LARGER FIRES USE WATER SPARY, FOG OR STANDARD FOAM

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . NO ACUTE HAZARD. MOVE CONTR FROM FIRE AREA IF POSS. AVOID BREATHING VAPORS/DUSTS. KEEP UPWIND.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

Accidental Release

Spill Release Procedures:OCCUP SPILL:DO NOT TOUCH SPILLED MATL. STOP LEAK IF YOU CAN W/OUT RISK. SMALL SPILL:TAKE UP W/SAND OR OTHER ABSORB MATL & PLACE INTO CONTRS FOR LATER DISP. LGE SPILL:DIKE FAR

AHEAD OF SPILL FOR LATER DISP. KEEP UNNEC PEOPLE AWAY. ISOLATE (ING 11)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:SPECIFIC RESP SELECTED MUST BE BASED ON CONTAM LEVELS FOUND IN WORK PLACE, MUST NOT EXCEED WORKING LIMITS OF RESP & BE NIOSH/MSHA APPRVD. FOLLOWING RESPS ARE RECOM BASED ON DATA FOUND IN MSDS. THEY ARE RANKED IN ORDER FROM MIN (ING 12)

Ventilation:PROVIDE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION SYSTEM.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:WEAR APPROPRIATE PROTECTIVE (IMPERVIOUS)

CLTHG & EQUIP TO PREVENT RPTD/PRLNGD SKIN CONTACT W/THIS SUBSTANCE.

Work Hygienic Practices:CONTACT LENSES SHOULD NOT BE WORN.

Supplemental Safety and Health

PH:5.8-6.1 @ 0.5% SOLN. EFTS OF OVEREXP:OR DECR ABSORP OF ESTOGEN

W/ORAL CONTRACEPTIVES; INCR PHENYTOIN EFT, POSS LEADING TO TOX

W/PHENYTOIN & OTHER HYDANTOINS; INCR THIOPENTAL LEVELS, POSS LEADING

TO TOX W/THIOPENTAL. ACUTE: INHAL:NO DATA AVAIL. SKIN:NO LOC EFTS

REPORTED. SYSTEMIC EFTS FROM ORAL ADMIN MAY INCL (ING 2)

Chemical Properties

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:329F,165C

Spec Gravity:1.08

pH:SUPDAT

Solubility in Water:7.5%

Appearance and Odor:WHITE TO YELLOW POWDER.

Stability

Stability Indicator/Materials to Avoid:YES

NO DATA AVAILABLE.

Stability Condition to Avoid:NO DATA AVAILABLE.

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS INCLUDE TOXIC OXIDES OF NITROGEN & SULFUR.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS .

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