

SODIUM BISULFITE MIXTURE

MSDS Number

BTGDQ

National Stock Number

6810-00-208-6762

Product Name

SODIUM BISULFITE MIXTURE

Manufacturer

FISHER SCIENTIFIC CHEMICAL MFG DIV

Product Identification

Product ID: SODIUM BISULFITE MIXTURE

MSDS Date: 03/24/1993

FSC: 6810

NIIN: 00-208-6762

MSDS Number: BTGDQ

Responsible Party

FISHER SCIENTIFIC CHEMICAL MFG DIV

1-REAGENT LN

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

SODIUM BISULFITE (SARA III)

CAS: 7631-90-5

RTECS: VZ2000000

Fraction By Weight: 45%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; 9394

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SODIUM METABISULFITE

CAS: 7681-57-4

RTECS: UX8225000

Fraction By Weight: 45%

OSHA PEL5 MG/M3

ACGIH TLV: 5 MG/M3; 9394

SODIUM SULFATE

CAS: 7757-82-6

RTECS: WE1650000

Fraction By Weight: 10%

Hazards

LD50 LC50 Mixture:LD50 ORAL RAT: 2000 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: IRRITATION OF EYES,SKIN AND RESPIRATORY TRACT OR G.I. TRACT IF INGESTED, COUGHING, SEVERE WHEEZING. CHRONIC: SENSITIZATION OR DERMATITIS, CONJUNCTIVITIS.

Explanation of Carcinogenicity:PER MSDS DATA

Effects of Overexposure:IRRITATION WITH SORE THROAT, COUGHING, SHORTNESS OF BREATH, GENERAL ITCHING.

Medical Cond Aggravated by Exposure:PERSONS WITH ASTHMA

First Aid

First Aid:EYES: WASH EYES WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH MILD DETERGENT AND LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IMMEDIATELY. INHALATION: REMOVE FROM EXPOSURE TO FRESH AIR IMMEDIATELY. GET MEDICAL ATTENTION IMMEDIATELY. INGESTION: DO NOT USE GASTRIC LAVAGE OR EMESIS. GET MEDICAL ATTENTION IMMEDIATELY.

Fire Fighting

Flash Point:NONE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM.

Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

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

Accidental Release

Spill Release Procedures:SOIL SPILLS: DIG A PIT, POND OR HOLDING AREA TO CONTAIN LIQUID OR SOLID MATERIAL. COVER SOLIDS WITH A PLASTIC SHEET TO PREVENT DISSOLVING IN RAIN. WATER SPILL: NEUTRALIZE WITH CAUSTIC SODA. DO NOT TOUCH SPILLED MATERIAL. ISOLATE HAZARD AREA. Neutralizing Agent:ADD CALCIUM HYPOCHLORITE TO SPILL

Handling

Handling and Storage Precautions:MAY BURN BUT DOES IGNITE READILY. FLAMMABLE, POISONOUS GASES MAY ACCUMULATE IN TANKS AND HOPPER CARS. MAY IGNITE COMBUSTIBLES (WOOD, PAPER, OIL)

Other Precautions:NONE

Exposure Controls

Respiratory Protection:THE SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND IN THE WORK PLACE AND MUST NOT EXCEED THE WORKING LIMITS OF THE RESPIRATOR.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION AND/OR GENERAL DILUTION VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:RUBBER

Eye Protection:SPLASH PROOF GOGGLES

Other Protective Equipment:EYE WASH FOUNTAIN WITHIN THE IMMEDIATE WORK AREA.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN; DO NOT

BREATHE DUST/MIST; USE WATER FOR THOROUGH WASHING AFTER USE.

Supplemental Safety and Health

NONE

Chemical Properties

HCC:T3

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Spec Gravity:1.48

Solubility in Water:COMPLETE

Appearance and Odor:WHITE CRYSTALS OR CRYSTALLINE POWDER WITH A SLIGHT SULFURIC ODOR & TASTE.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:STABLE UNDER NORMAL TEMPERATURES AND PRESSURES IN AN ENCLOSED CONTAINER. SLOWLY OXIDIZED TO THE SULFATE IN AIR.

Hazardous Decomposition Products:OXIDES OF SULFUR AND SODIUM OXIDE.

Disposal

Waste Disposal Methods:OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS WHEN DISPOSING OF THIS SUBSTANCE.

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