

21135 SODIUM CITRATE DIHYDRATE

MSDS Number

BSCXM

National Stock Number

6810-00-835-0763

Product Name

21135 SODIUM CITRATE DIHYDRATE

Manufacturer

FISHER SCIENTIFIC CHEMICAL DIV

Product Identification

Product ID:21135 SODIUM CITRATE DIHYDRATE

MSDS Date:08/14/1996

FSC:6810

NIIN:00-835-0763

MSDS Number: BSCXM

Responsible Party

FISHER SCIENTIFIC, CHEMICAL DIV.

1 REAGENT LANE

FAIR LAWN , NJ 07410

US

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

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

Cage: 1B464

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

SODIUM CITRATE, DIHYDRATE

CAS: 6132-04-3

Fraction By Weight: 100%

Hazards

LD50 LC50 Mixture:LD50 NOT AVAILABLE.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE:DUST MAY CAUSE MECH IRRIT.SKIN:MAY

CAUSE IRRIT.NO INFO REGARDING IRRIT POT IS KNOWN.INGEST:LG AMTS MAY

CAUSE GI IRRIT.INHAL:MAY CAUSE RESP TRACT IRRIT.LOW HAZ FOR USUAL

INDUSTRIAL HNDLG.CHRONIC:NO INFO FOUND.

Explanation of Carcinogenicity:PER MSDS:CHEMICAL NOT LISTED BY

ACGIH,NIOSH,OSHA,NTP.

Effects of Overexposure:EYE MECHANICAL IRRIT, SKIN IRRIT, GI IRRIT,

RESPIRATORY TRACT IRRIT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

TARGET ORGANS:NONE.

First Aid

First Aid:EYE:FLUSH W/PLNETY OF HO FOR @LEAST 15MINS,LIFTING UPPER/LOWER LIDS.GET MED AID.SKIN:FLUSH W/PLENTY OF SOAP/H2O FOR @LEAST 15MINS WHILE REMOVE CONTAM CLOTH/SHOES.IRRIT DVLPS/PERSIST GET MED AID.INGEST :IF CONSC/ALERT GIVE 2-4CUPFULS OF MILK/H2O.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC.INHAL:REMOVE FROM EXPO TO FRESHAIR IMMED.NOT BREATH TGIVE ART RESP;BREATH DIFFI GIVE OXY.COUGH/OHTER SYMPT(SUPPLEME)

Fire Fighting

Flash Point:N/AVAI
Autoignition Temp:Autoignition Temp Text:N/AVAI
Lower Limits:N/AVAI
Upper Limits:N/AVAI
Extinguishing Media:SM FIRES USE WATER SPRAY, DRY CHEMICAL, CAROBN DIOXIDE OR CHEMICAL FOAM.
Fire Fighting Procedures:WEAR APPROPRIATE PROTECTIVE CLOTH TO PREVENT CONTACT W/SKIN/EYES.WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) TO PREVENT CONTACT W/THERM DECOMPO PRODUCTS.
Unusual Fire/Explosion Hazard:DUSTS @SUFFICIENT CONC CAN FORM EXPLO MIXTURES W/AIR.

Accidental Release

Spill Release Procedures:USE PROPER PERSOHAL PROTECTIVE EQPMT AS INDICATED IN MSDS.VACUUM OR SWEEP UP MATL & PLACE INTO SUITABLE DISPOSAL CONTAINER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:USE W/ADEQUATE VENTI.AVOID CONTACT W/SKIN/EYES/CLOTH.AVOID INHAL/INGEST.KEEP FROM CONTACT W/OXIDIZING MATLS.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:FOLLOW OSHA RESPIRATOR REGULATIONS FOUND IN 29CFR1910.134.ALWAYS USE NIOSH-APPROVED RESPIRATOR WHEN NECESSARY.
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.
Protective Gloves:APPROPRIATE GLOVES
Eye Protection:SAF GLASSES W/SIDE SHIELDS
Other Protective Equipment:WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN EXPO.
Work Hygienic Practices:WASH THOROUGHLY AFT HNDLG.REMOVE CONTAM CLOTH;WASH BEF REUSE.
Supplemental Safety and Health
PH 5% SOLN=7.0-9.0. 1ST AID:APPEAR GET MED AID.NOTE TO DR:TREAT SYMPTOMATICALLY/SUPPORTIVELY.ANTIDOTE:NONE REPORTED.

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:N/AVAI
Melt/Freeze Pt:M.P/F.P Text:597F,314C
Decomp Temp:Decomp Text:N/AVAI
Vapor Pres:N/AVAI
Vapor Density:N/AVAI
Spec Gravity:1.665
pH:SUPPLE
Viscosity:N/AVAI
Evaporation Rate & Reference:N/AVAI
Solubility in Water:SOLUBLE
Appearance and Odor:SOLID, WHITE CRYSTALLINE SOLID, ODORLESS
Percent Volatiles by Volume:NP
Corrosion Rate:NP

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS.

Stability Condition to Avoid: INCOMPATIBLE MATLS.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

Disposal

Waste Disposal Methods: DISPOSE OF IN MANNER CONSISTENT W/LOCAL, STATE AND FEDERAL REGULATIONS. RCRA/SARA/CERCLA: NOT LISTED.

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