

FISHER SCIENTIFIC, CHEMICAL DIV. -- SODIUM SULFATE ANHYDROUS -- 6810-00-063-6936

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Product Identification  
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Product ID:SODIUM SULFATE ANHYDROUS  
MSDS Date:12/12/1997  
FSC:6810  
NIIN:00-063-6936  
Status Code:A  
MSDS Number: CKRHZ  
=== Responsible Party ===  
Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.  
Address:1 REAGENT LANE  
City:FAIR LAWN  
State:NJ  
ZIP:07410  
Country:US  
Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100/800-424-9300(CHEMTREC)  
CAGE:1B464  
=== Contractor Identification ===  
Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV  
Address:1 REAGENT LANE  
Box:City:FAIRLAWN  
State:NJ  
ZIP:07410-2802  
Country:US  
Phone:201-796-7100  
CAGE:1B464

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Composition/Information on Ingredients  
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Ingred Name:SODIUM SULFATE  
CAS:7757-82-6  
RTECS #:WE1650000  
= Wt:100.  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:ORAL, MOUSE, LD50=5989MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SKIN/EYE:MAY CAUSE IRRIT.INGEST:INGEST  
OF LG AMTS MAY CAUSE GASTROINTESTINAL IRRIT.INHAL:MAY CAUSE  
RESPIRATORY TRACT IRRIT.CHRONIC:NO INFO FOUND.  
Explanation of Carcinogenicity:PER MSDS:NOT LISTED BY  
ACGIH,IARC,NIOSH,NTP,OSHA.  
Effects of Overexposure:SKIN/EYE/GASTROINTESTINAL  
IRRITATION.R  
RESPIRATORY TRACT IRRIT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.  
TARGET ORGANS:NONE.

===== First Aid Measures =====

First Aid:EYE:FLUSH W/PLENTY OF H2O FOR @15MINS,LIFT EYELIDS.GET MED  
AID IMMED.SKIN:FLUSH W/PLENTY OF SOAP/H2O FOR @LEAST 15MINS.REMOVE  
CONTAM CLOTH/SHOES.IRRIT DEVELOPS/PERSIST GET MED  
ATTN.INGEST:CONSC/ALERT GIVE 2-4CUPFULS OF MILK/H2O.GET MED  
AID.INDUCE VOMIT BY GIVING 1 TEASPOON OF SYRUP OF  
IPECACE.INHAL:REMOVE TO FRESH AIR IMMED.NOT BREATH GIVE ART  
RESP;DIFF BREATH GIVE OXY.COUGH/OTHER SYMP GET (SUPPL)

===== Fire Fighting Measures =====

Flash Point:NOT AVAILABLE  
Autoignition Temp:Autoignition Temp Text:N/AVAI  
Lower Limits:N/AVAI  
Upper Limits:N/AVAI  
Extinguishing Media:SUBSTANCE IS NON-FLAMM;USE AGENT MOST APPROPRIATE  
TO EXTINGUISH SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR APPROPRIATE PROTECTIVE CLOTHING TO  
PREVENT CONTACT W  
/SKIN/EYES.WEAR SELF-CONTAINED BREATHING APPARATUS  
(SCBA) TO PREVENT COTNACT W/THERM DECOMPO PRODUCTS.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:USE PPE AS INDICATED IN MSDS.VACUUM OR SWEEP  
UP MATL &PLACE INTO SUITABLE DISPOSAL CNTNR.AVOID GENERATING DUSTY  
CONDITIONS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

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Handling and Storage Precautions:AVOID CONTACT  
W/EYE/SKIN/CLOTHING.STORE IN TIGHTLY CLSD CNTNR.KEEP FROM COTNACT  
W/OXIDIZING MATLS.

Other Precautions:KEEP AWAY FROM REDUCING AGENTS.KEEP CNTNRS TIGHTLY  
CLSD. DISPO:2ND WASTE TREAT MICROORGANISMS.CHEM NOT LIKELY TO  
BIOCONCEN.NO CERCLA/SARA CHEMS PRESENT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:FOLLOW OSHA RESPIRATOR REGS FOUND IN  
29CFR1910.134.ALWAYS USE NIOSH  
-APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation:USE ADEQUATE VENTI TO KEEP AIRBORNE CONCEN LOW.

Protective Gloves:PROTECTIVE GLOVES

Eye Protection:PROT EYEGLOSS,CHEM SAF GOG-29CFR1910.133

Other Protective Equipment:WEAR APPROPRIATE PROT CLOTH TO PREVENT SKIN  
EXPO.

Work Hygienic Practices:WASH THOROUGHLY AFT HNDLG.

Supplemental Safety and Health

PH:5.2-9.5 5% SOLN. 1STAID:MED AID.DR:TREAT SYMPT/SUPPORTIVELY.

===== Physical/Chemical Properties =====

HCC:N1

Melt/F

reeze Pt:=887.8C, #####F

Spec Gravity:2.7

pH:SUPPLE

Solubility in Water:SLIGHT IN WATER

Appearance and Odor:SOLID,WHITE GRANULAR OR POWDER, ODORLESS.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, MAGNESIUM.REACTS EXPLOSIVELY W/ALUMINUM.

Stability Condition to Avoid:MOISTURE.

Hazardous Decomposition Products:OXIDES OF SULFUR.

===== Ecological Inf

ormation =====

Ecological:THIS CHEMICAL IS NOT EXPECTED TO CAUSE OXYGEN DEPLETION IN AQUATIC SYSTEMS. THIS PRODUCT IS NOT LIKELY TO BIOCONCENTRATE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPO OF IN MANNER CONSISTENT W/FED/STATE/LOC REGS.NOT LISTED AS MATL BANNED FROM LAND DISPO ACCORDING TO RCRA.CHEM NOT EXPECTED TO CAUSE OXY DEPLETION IN AQUATIC SYS.LOW POT TO AFFECT AUQATIC ORGANIS M/EXPECTED TO HAVE LOW P  
OT TO AFFECT  
(OTHER PRECA)

===== MSDS Transport Information =====

Transport Information:DOT: NOT REGULATED.

===== Regulatory Information =====

SARA Title III Information:NOT REPORTABLE UNDER SARA 302.

Federal Regulatory Information:CAS 7757-82-6 IS LISTED ON THE TSCA INVENTORY.

State Regulatory Information:SODIUM SULFATE CAN BE FOUND ON THE FOLLOWING STATE RIGHT TO KNOW LISTS: PA, MA.

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