

FISHER SCIENTIFIC, CHEMICAL DIV. -- SODIUM OXALATE;S487500 -- 6810-00-195-8651

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Product Identification
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Product ID:SODIUM OXALATE;S487500

MSDS Date:08/31/1995

FSC:6810

NIIN:00-195-8651

MSDS Number: BWFKJ

=== 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 N

um:201-796-7100

Preparer's Name:GASTON A. PILLORI

Chemtrec Ind/Phone:(800)424-9300

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 OXALATE

CAS:62-76-0

RTECS #:KI1750000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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Hazard
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s Identification =====

LD50 LC50 Mixture:LD50 INTRAPERITONEAL MS IS 155MG/KG

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

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

Health Hazards Acute and Chronic:CORROSIVE--TOXIC TO THE LIVEREYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.MAY BE DERMALLY ABSORBED IN HARMFUL AMOUNTS.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION .CHRONIC:MAY CAUSE LIVER OR KIDNEY DAMAGE AND HYPOCALCEMIA.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:SKIN:MAY CAUSE GANGRENE(ARTERITIS).EYES: CLOUDING OF THE CORNEA.INGEST:IMMEDIATE BITTER OR SOUR TASTE WITH SEVERE ABDOMINAL PAIN,TENDERNESS,NAUSEA,VOMITING,DIARRHEA,SWEATING,THIRST.VOMITUS MAY CONTAIN BLOOD.HYPOCALCEMIA:CRAMPS,CONVULSIONS,STUPOR,HEART,BRAIN AND CNS DISTURBANCES.

Medical Cond Aggravated by E

xposure:PERSONS WITH PRE-EXISTING LIVER OR KIDNEY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROM PT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE SOLN OF CALCIUM LACTATE OR CALCIUM GLUCONATE OR MI LK.ANTIDOTE:10%CALCIUM GLUCONATE;GIVE 10ML INTRAVENOUSLY;REPEAT IF SYMPTOMS PERSIST.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. WATER FOG,DRY CHEMICAL,CARBON DIOXIDE,FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY

EVOLVE TOXIC FUMES.

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

Spill Release Procedures:SWEEP OR VACUUM;DO NOT CREATE DUST;PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:AVOID SKIN AND EYE CONTACT.DO NOT INHALE VAPORS/MIST

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NOISH/ MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,DEPENDING ON THE AIRBORN CONCENTRATION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protect

ive Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

POISON

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

HCC:T4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:=250.C, 482.F

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIV

EN
Spec Gravity:2.34
pH:7(SOL)

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:MODERATE

Appearance and Odor:CRYSTALS OR POWDER;WHITE OR COLORLESS;ODORLESS

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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