

FISHER SCIENTIFIC CO CHEMICAL DIV. -- SODIUM THIOSULFATE PENTAHYDRATE (S-445) --
6810-00-233-0110

===== Product Identification =====

Product ID:SODIUM THIOSULFATE PENTAHYDRATE (S-445)

MSDS Date:09/19/1986

FSC:6810

NIIN:00-233-0110

MSDS Number: BPBJV

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Ph

one Num:201-796-7100

Emergency Phone Num:201-796-7100 OR 201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

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

Company Name:HAZSAFE,INC. (806-622-2222)

Box:UNKNOW

CAGE:08HM3

===== Composition/

Information on Ingredients =====

Ingred Name:SODIUM THIOSULFATE, PENTAHYDRATE
CAS:10102-17-7
RTECS #:WE6660000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-CAUSES EYE AND SKIN IRRITATION.
INGESTION:LARGE DOSES MAY CAUSE IRRITATION, NAUSEA, AND DIARRHEA.

CHRONIC- CONJUNCTIVITIS AND DERMATITIS.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of Overexposure:EYE AND SKIN IRRITATION; REDNESS OF EYE;
VOMITING AND DIARRHEA.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH
SOAP & WATER.EYE:FLUSH WITH WATER FOR 15 MINUTES,H
OLDING EYELIDS
OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.
ORAL:DO NOT INDUCE VOMITING.IF CONSCIOUS,RINSE MOUTH WITH WATER &
CALL PHYSICIAN.

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

Flash Point:NON-COMBUSTIBLE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH
APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE
OPERATED IN THE POSITIVE
PRESSURE MODE.
Unusual Fire/Explosion Hazard:TOXIC FUMES MAY BE EVOLVED

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

Spill Release Procedures:WEAR APPROVED RESPIRATOR AND CHEMICALLY
COMPATIBLE GLOVES. VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING
DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL.
WASH CONTAMINATED CLOTHING BEFO RE REUSE. VENTILATE AREA AND WASH
SPILLSITE.

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

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Handling and Storage Precautions: STORAGE-STORE IN COOL, DRY AREA, AWAY FROM ACIDS, OXIDIZERS, MOISTURE.

Other Precautions: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE DUST. DO NOT GENERATE DUST. WASH CONTAMINATED CLOTHING BEFORE REUSE. KEEP CONTAINER TIGHTLY CLOSED, HYGROSCOPIC.

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

Respiratory Protection: USE A NIOSH APPROVED DUST RESPIRATOR. IF SULFUR DIOXIDE SHOULD BE RELEASED, USE A SUPPLIED-AIR RESPIRATOR OR OR

SELF-CONTAINED BREATHING APPARATUS.

Ventilation: MECHANICAL. PROVIDE LOCAL EXHAUST IF DUSTY CONDITIONS PREVAIL, AND IF THERE SHOULD BE A RELEASE OF SULFUR DIOXIDE GAS.

Protective Gloves: COTTON GLOVES ARE GENERALLY ADEQUATE.

Eye Protection: CHEMICAL SAFETY GOGGLES.

Other Protective Equipment: EYE-WASH FOUNTAIN, SAFETY SHOWER, FULL WORK CLOTHING, INCLUDING LONG-SLEEVED SHIRT AND TROUSERS.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING THIS MATERIAL AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health

HMIS(LEVIEN) NOTES THAT RTECS SHOWS A TD(LO) ORAL HUMAN OF 300MG/KG/7DAYS; EFFECT WAS CYANOSIS.

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

HCC: N1

Melt/Freeze Pt: M.P/F.P Text: 118F, 48C

Spec Gravity: 1.7

pH: 6.5-8.

Solubility in Water: COMPLETE

Appearance and Odor: WHITE CRYSTALS, ODORLESS.

Percent Volatiles by Volume: 0

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

Stability Indicator/Materials to Avoid: YES

ST

STRONG OXIDIZERS, ACIDS, LEAD, IODINE, SILVER AND MERCURY SALTS

Stability Condition to Avoid: HIGH TEMPERATURES, FLAMES

Hazardous Decomposition Products: SULFUR OXIDES

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

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

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