

PHOTICA INC (WAS PURCHASED BY KROMICA INC.) -- SODIUM THIOSULFATE -- 6750-00-273-8484

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Product Identification  
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Product ID:SODIUM THIOSULFATE

MSDS Date:10/01/1986

FSC:6750

NIIN:00-273-8484

MSDS Number: BQNPM

=== Responsible Party ===

Company Name:PHOTICA INC (WAS PURCHASED BY KROMICA INC.)

Address:491 LYONS AVE

City:IRVINGTON

State:NJ

ZIP:07111-4717

Country:US

Info Phone Num:201-705-9553

(KRONICA INC.)

Emergency Phone Num:201-926-1000 (KRONICA INC.)

CAGE:60349

=== Contractor Identification ===

Company Name:KRONICA INC. (PURCHASED PHOTICA INC.)

Address:495 LYONS AVENUE

Box:City:IRVINGTON

State:NJ

ZIP:07111-4717

Country:US

Phone:201-926-1000 OR 201-705-9553

CAGE:0K5T6

Company Name:PHOTICA INC (WAS PURCHASED BY KROMICA INC.)

Address:491 LYONS AVE

Box:City:IRVINGTON

State:NJ

ZIP:07111-4717

Country:US

Phone:201-926-1000 (KRONICA INC.)

CAGE:60349

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Composition/Informati

on on Ingredients =====

Ingred Name:SODIUM THIOSULFATE PENTAHYDRATE

CAS:10102-17-7

RTECS #:WE6660000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:EYES: DUST SOLUTIONS OR MIST MAY

IRRITATE OR BURN THE EYES AND CAUSE TEMPORA

RY CONJUNCTIVITIS. SKIN:

DUST OR MIST MAY CAUSE IRRITATION FROM PROLONGED CONTACT.

INHALATION: BREATHING PRODUCT DUST OR MIST MAY IRRITATE

RESPIRATORY TRACT. INGESTION: RELATIVELY LOW IN ACUTE TOXICITY BUT

MAY CAUSE IRRITATION OF G.I. TRACT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING

EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE.

INHALATION: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, PROMPTLY GIVE 2 TO 4 GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING FINGER TO THROAT.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp

Text:UNKNON

Extinguishing Media:IF IN A FIRE, CHOOSE EXTINGUISHING AGENT SUITABLE FOR TYPE OF SURROUNDING FIRE. MATERIAL ITSELF IS NOT COMBUSTIBLE

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY AND KNOCK DOWN FUMES.

Unusual Fire/Explosion Hazard:IRRITATING GASES AND RESIDUE MAY EVOLVE.

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

Spill Release

Procedures:PROMPTLY SHOVEL OR SWEEP UP THE DRY CHEMICAL INTO AN EMPTY CONTAINER WITH A MINIMUM OF DUSTING. CAUTIOUSLY SPRAY RESIDUE WITH PLENTY OF WATER TO COMPLETE CLEAN-UP.

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA, AWAY FROM ACIDS OR OXIDIZERS. KEEP CONTAINERS CLOSED WHEN MATERIAL IS NOT IN USE AND PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:CONTACT WITH ACIDS RELEASES IRRITATING SULFUR DIOXIDE GAS. WHEN DISSOLVING AND MAKING SOLUTIONS, ADD TO WATER CAUTIOUSLY AND WITH STIRRING AS SOLUTIONS CAN GET HOT AND MAY SPATTER.

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

Respiratory Protection:IF DUSTY OR MISTY CONDITION PREVAILS, USE DUST OR MIST RESPIRATOR, APPROVED BY NIOSH. IF SULFUR DIOXIDE SHOULD BE RELEASED, USE A SUPPLIED-AIR RESPIRATOR OR SCBA OR OTHER ALTERNATE CHOICE, APPROVED BY NIOSH.

Ventilation:LOCAL AND MECHANICAL(GENERAL) EXHAUST TO PROVIDE ADEQUATE VENTILATION.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR INDUSTRIAL WORK CLOTHING. USE RUBBER APRON OR BOOTS IF NEEDED. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health  
THIS PRODUCT IS NOT FOR FOOD OR DRUG USE.

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

HCC:N1

Boiling Pt:B.P. Text:212F,100C

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

Decomp Temp:Decomp Text:>212F,>100C

Spec Gravity:1.685 (WATER=1)

pH:8.6

Solubility in Water:APPRECIABLE

Appearance and Odor:CLEAR TO WHITE CRYSTALS OR GRANULES WITH NO ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS, ACIDS, WATER-REACTIVE MATERIALS SUCH AS SO

DIUM,  
SODIUM NITRITE.

Stability Condition to Avoid:HIGH TEMPERATURES (ABOVE 100C) YIELD  
SULFUR DIOXIDE GAS AND HAZARDOUS RESIDUE.

Hazardous Decomposition Products:SULFUR DIOXIDE GAS, SODIUM SULFIDE  
RESIDUE.

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

Waste Disposal Methods:CONTACT APPROPRIATE REGULATORY AUTHORITIES FOR  
APPROVED METHOD OF DISPOSAL, AS NECESSARY. FLUSH TO SEWER WITH  
PLENTY OF WATER, IF PERMITTED BY APPLICIABLE REGULATIONS.

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