

CITY CHEMICAL CO -- SODIUM THIOSULFATE PENTAHYDRATE 99.5% ACS REAGENT --  
6810-00-233-0110

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Product Identification  
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Product ID:SODIUM THIOSULFATE PENTAHYDRATE 99.5% ACS REAGENT

MSDS Date:10/26/1994

FSC:6810

NIIN:00-233-0110

MSDS Number: BVPYK

=== Responsible Party ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Info Phone Num:201-6

53-6900

Emergency Phone Num:201-653-6900/800-424-9300(CHEMTREC)

CAGE:8G980

=== Contractor Identification ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

Box:City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-424-9300(CHEMTREC)

CAGE:8G980

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Composition/Information on Ingredients  
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Ingred Name:SODIUM THIOSULFATE,5-HYDRATE

CAS:10102-17-7

RTECS #:WE6660000

Fraction by Wt: 99.5%

Other REC Limits:NONE RECOMMENDED

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Hazards  
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Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY BE HARMFUL BY INHALATION,  
INGESTION, OR SKIN ABSORPTION. CAUSES SKIN AND EYE IRRITATION. TO  
THE BEST OF MANUFACTURER'S KNOWLEDGE CHEMICAL, PHYSICAL AND  
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.  
Explanation of Carcinogenicity:SODIUM THIOSULFATE PENTAHYDRATE IS NOT  
LISTED AS A  
CARCINOGEN BY NTP OR IARC.  
Effects of Overexposure:SKIN: REDNESS, DISCOMFORT. EYES: REDNESS,  
TEARING, DISCOMFORT.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGESTED-CALL A PHYSICIAN. IF CONSCIOUS, RINSE OUT MOUTH.  
INHALED-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL  
RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. SKIN-FLUSH WITH  
LOTS OF SOAP & WATER. EYES-IMMEDIATELY FLUSH WITH LOTS OF WATER  
FOR AT LEAST 15 MINUTES.

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

Flash Point:NONFLAMMABLE  
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE  
CLOTHING INCLUDING POSITIVE-PRESSURE SELF-CONTAINED BREATHING  
APPARATUS.  
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

===== Accidental Release Measures =====  
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Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS,  
RUBBER BOOTS, AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN BAG AND  
HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND  
WASH SPILL SITE AFTER MATERIAL PICK-UP IS COMPLETE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM  
ACIDS. KEEP TIGHTLY CLOSED. DO NOT BREA

TH DUST. WEAR APPROPRIATE PROTECTIVE CLOTHING.

Other Precautions:AVOID PROLONGED OR REPEATED EXPOSURE. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. MECHANICAL EXHAUST REQUIRED. WASH THOROUGHLY AFTER USING.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND

MANUFACTURER'S RECO MMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:CHEMICAL RESISTANT-RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS PRESENTED BY CAGE 8G980 FOR CONTRACT NUMBER-SP0450-95-M-8094.

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

HCC:N1

Spec Gravity:1.729

Appearance and Odor:WHITE CRYSTALS

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

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:DLA-HMIS: AVOID INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:SULFUR OXIDES.

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

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Waste Disposal Methods:CAUTIOUSLY ADD TO A LARGE STIRRED EXCESS OF WATER. ADJUST PH TO NEUTRAL. SEPARATE SOLIDS-PACKAGE & DISPOSE OF AS HAZAROUS WASTE. FLUSH AQUEOUS WASTE DOWN DRAIN WITH LOTS OF WATER. OBSERVE ALL LOCAL, S TATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

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