

CITY CHEMICAL LLC -- SODIUM PHOSPHATE, TRIBASIC (TSP) TRISODIUM PHOSPHATE --  
6810-00-043-0758

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Product Identification  
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Product ID:SODIUM PHOSPHATE, TRIBASIC (TSP) TRISODIUM PHOSPHATE

MSDS Date:06/05/1999

FSC:6810

NIIN:00-043-0758

Status Code:A

MSDS Number: CJVJZ

=== Responsible Party ===

Company Name:CITY CHEMICAL LLC

Address:139 ALLINGS CROSSING ROAD

City:WEST HAVEN

State:CT

ZIP:06516

Country:US

Info Phone Num:800-248-2436

Emergency Phone Num:800-248-2436

Preparer's Name:PETER WOLPERT

CAGE:1GKT4

=== Contractor Identification ===

Company Name:CITY CHEMICAL LLC

Address:139 ALLINGS CROSSING ROAD

Box:City:WEST HAVEN

State:CT

ZIP:06516

Country:US

Phone:800-248-2436/203-932-2489

Contract Num:N00104-99-P-BF60

CAGE:1GKT4

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Composition/Information on Ingredients  
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Ingred Name:PHOSPHORIC ACID, TRISODIUM SALT, DODECAHYDRATE; (SODIUM  
PHOSPHATE, TRIBASIC)

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AS:10101-89-0

RTECS #:TC9575000

= Wt:100.

Other REC Limits:N/K

OSHA PEL:N/K

OSHA STEL:N/K

ACGIH TLV:N/K

ACGIH STEL:N/K

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

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

Health Hazards Acute and Chronic:CAUSES EYE BURNS. CAUSES SKIN AND  
RESPIRATORY TRACT IRRITATION. MAY CAUSE COUGHING, CHEST PAIN AND  
SHORTNESS OF

BREATH.

Effects of Overexposure:SEE HEALTH HAZARDS.

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

First Aid:INGESTION: IF VICTIM IS CONSCIOUS, GIVE 2-3 GLASSES OF WATER TO DRINK. SEEK IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION. EYES: FLUSH WITH POTABLE WATER FOR AT LEAST 15 MINUTES. SEE MD . INHALATION: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN OR ARTIFICIAL RESPIRATION).

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

Flash Point:NOT FLAMMABLE  
Extinguishing Media:NOT COMBUSTIBLE. USE MEDIA SUITABLE TO FIGHT SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NOT COMBUSTIBLE.

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE GEAR FOR THE SITUATION. SWEEP OR VACUUM UP AND PLACE IN AN APPROPRIATE CLOSED CONTAINER.

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

Handling and Storage Precautions:AVOID DIRECT OR PROLONGED CONTACT WITH SKIN AND EYES. AVOID BREATHING DUSTS. DO NOT INGEST. STORE IN AN AREA THAT IS COOL, DRY, WELL-VENTILATED, AWAY FROM FOOD STUFFS OR ANIMAL FEED. STORE IN TIGHTLY CLOSED CONTAINERS.

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

Respiratory Protection:SELECT NIOSH APPROVED EQUIPMENT BASED ON OSHA STANDARD.  
Ventilation:LOCAL EXHAUST VENTILATION AT THE POINT OF GENERATION.  
Protective Gloves:WEAR IMPERVIOUS GLOVES .  
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .  
Work Hygienic Practices:MINIMIZE BREATHING DUST.  
Supplemental Safety and Health  
PRODUCT TYPE: REAGENT. CHEMICAL FAMILY: SODIUM PHOSPHATES. FORMULA:  
( $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$ )\*4NAOH.

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

Vapor Pres:NON VOLATILE  
Vapor Density:NON VOLAT  
Spec Gravity:0.9 G/ML  
pH:11.8 WT  
Solubility in Water:80 WT @ 25C  
Appearance and Odor:ODORLESS, WHITE GRANULAR/CRYSTAL SOLID.

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS. MAY REACT VIOLENTLY WITH MAGNESIUM.  
Stability Condition to Avoid:KEEP DRUMS TIGHTLY SEALED TO AVOID  
MOISTURE PICKUP WHICH WILL CAUSE  
CAKING. MATERIAL IS HYGROSCOPIC.  
Hazardous Decomposition Products:MAY INCLUDE PHOSPHORUS OXIDES AND  
SODIUM OXIDE.

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

Waste Disposal Methods:CHEMICAL ADDITIONS, PROCESSING OR OTHERWISE  
ALTERING THIS MATERIAL MAY MAKE THE WASTE MANAGEMENT INACCURATE.  
PLEASE BE ADVISED THAT STATE AND LOCAL REQUIREMENTS MAY BE  
DIFFERENT. CONSULT STATE REGULATIONS FOR PROPER DISPOSAL. DISPOSE  
OF IN ACCORDANCE WITH LOCAL, STATE, AND  
FEDERAL REGULATIONS .

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

Transport Information:SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, SOLID, N.O.S. ID NUMBER: UN-3077. REPORTABLE QUANTITY:  
5000 LBS. HAZARD CLASS: 9, UN-3077, III. LABELS: CLASS 9  
(MISCELLANEOUS).

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