

CITY CHEMICAL CORP -- DISODIUM PHOSPHATE, DISODIUM ORTHOPHOSPHATE --
6810-00-043-0780

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

Product ID:DISODIUM PHOSPHATE, DISODIUM ORTHOPHOSPHATE

MSDS Date:02/08/1988

FSC:6810

NIIN:00-043-0780

MSDS Number: BLHFP

=== Responsible Party ===

Company Name:CITY CHEMICAL CORP

Address:132 WEST 22ND STREET

City:NEW YORK

State:NY

ZIP:10011

Country:US

Info Phone Num:212-929-272

3

Emergency Phone Num:212-929-2723

Preparer's Name:PETER WOLPERT

CAGE:83628

=== Contractor Identification ===

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

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===== Composition/Information on Ingredients =====

Ingred Name:SODIUM PHOSPHATE, DIBASIC (SARA III)

CAS:7558-79-4

RTECS #:WC4500000

Fraction by Wt: 100%

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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= Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:DISODIUM PHOSPHATE IS NOT CONSIDERED TO BE A HIGHLY HAZARDOUS MATERIAL & ONLY REQUIRES THE GOOD INDUSTRIAL HYGIENE & SAFETY PRACTICES EMPLOYED WITH ANY INDUSTRIAL CHEMICAL CONTACT. WILL NORMALLY PRODU CE NO EFFECT EXCEPT POSSIBLY IN THE UNUS

UAL CASE. DUST MAY BE SLIGHTLY IRRITATING BY INHALATION (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: & SKIN OR EYE CONTACT. REPEATED EXPOSURE OR EXPOSURE TO LARGE AMOUNTS MAY CAUSE IRRITATION TO THE EYES, SKIN, RESPIRATORY TRACT OR MUCOUS MEMBRANES. INGESTION OF LARGE AMOUNTS MAY CAUSE GI U PSET, SYSTEMIC ACIDOSIS, HYPOCALCEMIA, SLOWED PULSE, DECREASED BLOOD PRESSURE, CYANOSIS AND COMA.

Medical Cond Aggravated by Exposure :NONE IDENTIFIED.

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

First Aid:EYE: IMMED FLUSH EYES W/DIRECT STREAM OF WATER FOR AT LEAST 15 MINS. FORCIBLY HOLD EYELIDS APART TO ENSURE COMPLETE IRRIG OF ALL EYE/LID TISS. GET IMMED MED ATTN IF IRRIT OCCURS. CNTCT LENSES SHOULD N OT BE WORN WHEN WORKING W/THIS CHEM. SKIN: IMMED FLUSH CONTAM SKIN W/WATER. IF THIS CHEM PENETRATES CLTHG, IMMED REMOVE CLTHG & FLUSH SKIN W/ WATER. GET PROMPT MED ATTN IF IRRIT OC CURS.
(SEE SUPP DATA

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROT EQUIP . MOVE CONTAINER FROM FIRE AREA IF IT CAN BE DONE W/O RISK. USE WATER TO KEEP FIRE-EXPOSED CONTAINER COOL.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPOSED TO HEAT MAY EXPLODE. MAY EMIT TOXIC FUMES OF PHO

SPHOROUS OXIDE.

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

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED RESPIRATOR, CHEMICAL WORKERS GOGGLES, RUBBER BOOTS, AND HEAVY RUBBER GLOVES. AVOID RAISING DUST. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICK UP IS COMPLETE.

Neutralizing Agent:NOT APPLICABLE (MATERIAL IS NOT CORROSIVE).

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

Handling and Storage Precautions:STORE TIGHTLY CLOSED IN A COOL, DRY PLACE.

Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE CHEMICAL.

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

Respiratory Protection:NIOSH/MSHA APPROVED DUST RESPIRATOR OR MASK.

Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:PLASTIC OR RUBBER.

Eye Protection:CHEMICAL WORKERS GOGGLE

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Other Protective Equipment:OTHER PROTECTIVE CLOTHING SUGGESTED. EYE WASH FACILITY IN CLOSE PROXIMITY.

Work Hygienic Practices:GOOD INDUSTRIAL HYGIENE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

FIRST AID PROC: WASH CLOTHING BEFORE REUSE. INGEST: IF PERSON IS CONSCIOUS, IMMEDIATELY ADMINISTER LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMIT. GET IMMEDIATE MEDICAL ATTENTION. INHALATION: MOVE THE EXPOSED PERSON TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED PERFORM ARTIFICIAL RESPIRATION. KEEP THE AFFECTED

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PERSON WARM & AT REST. GET MEDICAL ATTENTION AS SOON AS POSSIBLE.

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

HCC:N1

Decomp Temp:Decomp Text:N/K

Spec Gravity:1.62

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE, ODORLESS POWDER

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

IRON/OTHER HEAVY METALS/STRONG ACIDS. SOLUTIONS OF SODIUM PHOSPHATE, DIBASIC IN THE PRESENCE OF

F AL MAY GENERATE FLAMM H GAS.

Stability Condition to Avoid:MOISTURE, HEAT

Hazardous Decomposition Products:HIGHLY TOXIC FUMES OF POX.

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

Waste Disposal Methods:DISPOSE OF SPILLED OR WASTE PRODUCT AND OTHER
CONTAMINATED MATERIALS IN LICENSED LANDFILL OR TREATMENT FACILITY
IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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