

PHOENIX INDUSTRIES INC -- SODIUM DICHROMATE DIHYDRATE, TECHNICAL -- 6810-00-262-8566

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

Product ID:SODIUM DICHROMATE DIHYDRATE, TECHNICAL

MSDS Date:09/30/1997

FSC:6810

NIIN:00-262-8566

Status Code:A

MSDS Number: CJJSX

=== Responsible Party ===

Company Name:PHOENIX INDUSTRIES INC

Address:11028 S LEADBETTER RD UNIT 10

City:ASHLAND

State:VA

ZIP:23005

Country:US

Info P

hone Num:804-264-5183/5536

Emergency Phone Num:804-264-5183

Resp. Party Other MSDS Num.:CODE: 0462

Chemtec Ind/Phone:(800)424-9300

CAGE:0MLP0

=== Contractor Identification ===

Company Name:PHOENIX INDUSTRIES INC

Address:11711 S ALAMEDA ST

Box:54083

City:LOS ANGELES

State:CA

ZIP:90054

Country:US

Phone:213-564-5711

CAGE:0MLP0

Company Name:PHOENIX INDUSTRIES INC

Address:1519 CHAMBERLAYNE PARKWAY

Box:City:RICHMOND

State:VA

ZIP:23222

Country:US

Phone:804-264-5183/FAX: 264-5535

Contract Num:SPO45O-99

-M-NA15
CAGE:0YED2

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Composition/Information on Ingredients
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Ingred Name:CHROMIC ACID DISODIUM SALT DIHYDRATE
CAS:10588-01-9
Code:F
RTECS #:HX7700000
= Wt:100.
OSHA PEL:see Table Z-2
ACGIH TLV:0.05 MG/M3

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 50 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET
ORGANS: KIDNEYS, HEART,
RESPIRATORY SYSTEM. EYE-MAY CAUSE SEVERE IRRITATION AND POSSIBLE
EYE BURNS. SKIN-CAUSES BURNS. MAY CAUSE SKIN SENSITIZATION. MAYBE
ABSORBED THROUGH SKIN. INGESTION-MAY CAUSE KIDNEY DAMAGE.
INHALATION-CAUSES RESPIRATORY TRACT IRRITATION. MAY CAUSE
ULCERATION & PERFORATION OF THE NASAL SEPTUM. CHRONIC: PROLONG OR
REPEATED SKIN CONTACT MAY CAUSE DERMATITIS, & LEAD TO AS THMA &
PERFORATION OF NASAL SEPTUM. MAY CAUSE RESPIRATORY TRACT CANCER.

Expla
nation of Carcinogenicity:ACGIH: CERTAIN WATER INSOLUBLE SALTS, AS
CR: A1-CONFIRMED HUMAN CARCINOGEN.
Effects of Overexposure:EYE-POSSIBLE EYE BURNS, SEVERE IRRITATION.
SKIN-CAUSES SKIN BURNS, SENSITIZATION. INGESTION-CAUSES
GASTROINTESTINAL TRACT, BURNS. INHALATION-RESPIRATORY IRRITATION,
ULCERATION & PERFORATION OF NASAL S EPTUM.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:E
YES-IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES,
LIFT LIDS. SKIN-GET IMMEDIATE MEDICAL AID. IMMEDIATELY FLUSH WITH
PLENTY OF SOAP & WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CLOTHES & SHO ES. INGESTED-DO NOT INDUCE VOMITING! IFCONSCIOUS &
ALERT, GIVE 2-4 CUPFULS OF MILK OR WATER. INHALED-REMOVE FROM
EXPOSURE. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. GIVE
OXYGEN IF BRETHING DIF FICULT. GET MEDICAL AID. NOTE TO PHYSICIANS:
TREAT SYMPTOMATICALLY. ANT

IDOTE: VITAMIN C TAKEN ORALLY OR SKIN APPLICATION ARE GENERALLY SAFE REDUCING AGENTS.

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Fire Fighting Measures
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Flash Point:NOT AVAILABLE

Extinguishing Media:USE WATER ONLY.

Fire Fighting Procedures:WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES. WEAR A SELF-CONTAINED BREATHING APPARATUS (SCBA) TO PREVENT CONTACT WITH THERMAL DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:STRONG OXIDIZER. CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE A FIRE.

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Accidental Release Measures
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Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN PERSONAL PROTECTION SECTION. VACUUM OR SWEEP UP MATERIAL AND PLACE INTO A SUITABLE DISPOSAL CONTAINER. DO NOT FLUSH INTO A SEWER. AVOID GENERATING DUSTY CONDITIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:DO NOT STORE NEAR COMBUSTIBLE MATERIALS. STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:USE WITH ADEQUATE VENTILATION. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. AVOID CONTACT WITH CLOTHING AND OTHER COMBUSTIBLE MATERIALS. DO NOT INGEST OR INHALE.

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Exposure Controls/Personal Protection
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Respiratory Protection:FOLLOW THE OSHA RESPIRATOR REGULATIONS FOUND IN 29CFR 1910.

134. ALWAYS USE A NIOSH-APPROVED RESPIRATOR WHEN NECESSARY.

Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRATIONS BELOW THE PERMISSIBLE EXPOSURE LIMIT.

Protective Gloves:WEAR APPROPRIATE GLOVES TO PREVENT SKIN EXPOSURE.

Eye Protection:WEAR SAFETY GLASSES & CHEMICAL SPLASH GOGGLES IF SPLASHING IS POSSIBLE.

Other Protective Equipment:WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN EXPOSURE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING

DLING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:T4
Boiling Pt:=400.C, 752.F
Melt/Freeze Pt:=353.9C, 669.F
Decomp Temp:=400.C, 752.F
Spec Gravity:2.52 @36.5F
Solubility in Water:SOLUBLE IN WATER.
Appearance and Odor:SOLID. ORANGE TO RED CRYSTALS. ODORLESS.

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

Stability Indicator/Materials to Avoid:YES
OXIDIZERS, ETHANOL+SULFURIC ACID+
HEAT, HYDRAZINE, BORON+SILICON,
ORGANIC RESIDUES+ SULFURIC ACID,2-PROPANOL+SULFURIC ACID,SULFURIC
ACID+TNT,AND HYDROXYLAMINE. EXPLOSIVELY REACTS WITH ACETIC
ANHDRIDE.
Stability Condition to Avoid:INCOMPATIBLE MATERIALS, COMBUSTIBLE
MATERIALS, REDUCING AGENTS.
Hazardous Decomposition Products:NOT APPLICABLE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:LD50/LC50: OARAL RAT: 50 MG
/KG. EPIDEMIOLOGY:
INCREASED INCIDENCES OF RESPIRATORY CANCER HAS BEEN FOUND IN
CHROMIUM (VI) WORKERS. TERATOGENCITY: NO INFORMATION FOUND.
REPRODUCTIVE EFFECTS: NO INFORMATION FOUND. NEUROTOXICITY: NO
INFORMATION FOUND. MUTAGENICITY: MUTATION DATA REPORTED. OTHER
STUDIES: NO INFORMATION FOUND.

===== Ecological Information =====

Ecological:NONE SPECIFIED BY MANUFACTURER.

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

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Waste Disposal Methods:DISPOSE OF IN A MANNER CONSISTENT WITH LOCAL, STATE AND FEDERAL REGULATIONS. RCRA D/F/P/U-SERIES MAXIMUM CONCENTRATION OF CONTAMINANTS: NOT LISTED.

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

Transport Information:US DOT: SHIPPING NAME: TOXIC SOLID, INORGANIC, N.O.S. (SODIUM DICHROMATE DIHYDRATE). HAZARD CLASS: 6.1. UN NUMBER: UN3288 RQ. PACKING GROUP: III. IMO: SHIPPING NAME: TOXIC SOLID, INORGANIC, N.O.S. HAZARD CLASS : 6.1. UN NUMBER: UN3288 RQ. PACKING GROUP: III. ICAO: SHIPPING NAME: TOXIC SOLID, INORGANIC, N.O.S. (SODIUM DICHROMATE DIHYDRATE). HAZARD CLASS: 6.1. UN NUMBER: UN3288 RQ. PACKING GROUP: III. RQ (REPORTABLE QUANTITY): 10 LBS.

===== Regulatory Information =====

SARA Title III Information:SECTION 302 (RQ): NONE OF THE CHEMICALS IN THIS MATERIAL HAVE AN RQ. SECTION 302 (TPQ): NONE OF THE CHEMICALS IN THIS PRODUCT HAVE A TPQ. SARA CODES: CAS # 10588-01-9: ACUTE, CHRONIC, FLAMMABLE. SECTI ON 313: NO CHEMICALS ARE REPORTABLE UNDER SECTION 313.
Federal Regulatory Information:CAS # 10588-01-9 IS NOT ON THE TSCA INVENTORY.
State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

===== Other Information =====

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