

ASHLAND CHEMICAL CO -- SODIUM DICHROMATE TECHNICAL -- 6810-00-281-2686

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

Product ID:SODIUM DICHROMATE TECHNICAL

MSDS Date:01/01/1998

FSC:6810

NIIN:00-281-2686

MSDS Number: CFCSL

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:606-324-1133

CAGE:5A188

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Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

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

CAGE:0YED2

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

Ingred Name:SODIUM DICHROMATE DIHYDRATE

CAS:7789-12-0

RTECS #:HX7750000

Fraction by Wt:

100%  
OSHA PEL:C, 0.1 MG/M3 (CRO3)  
ACGIH TLV:0.05 MG/M3 (CR);8990

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

LD50 LC50 Mixture:HIGHLY TOXIC (PER ALDRICH)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE:CAN CAUSE SEVERE  
IRRITATION,REDNESS, TEARING,BLURRED VISION OF EYES,IRRITATION AND  
CHROME SORE;PERFORATION OF NASAL SEPTUM.INGESTION MAY CAUSE MUCOUS  
ME  
MBRANES AND DEEP TISSUES.  
Explanation of Carcinogenicity:HEXAVALENT CHROMIUM (CHROMIUM VI) IS A  
SUSPECTED HUMAN CARCINOGEN.  
Effects of Overexposure:EYES:SEVERE ITTITNT.SKIN:IRRTNT,CHROME  
SORES.INHAL:NASAL PERFORATION.INGEST:MUCOSA,VISCERA DAMAGE.  
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.

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

First Aid:SKIN:WASH S.SOAP AND WATER.EYES:FLUSH W/ LARGE AMTS  
WATER.INGEST GIVE 2 GLASSES W  
ATER,INDUCE VOMITING.INHAL:MOVE TO  
FRESH AIR.OBTAIN DR. ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:USE SUITABLE MEDIA FOR SURROUNDING FIRE.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.  
Unusual Fire/Explosion Hazard:DECOMPOSITION RELEASES O2(SUPPORTS  
COMBUSTION)AND REDUCES SUFFOCATION TYPE EXTINGUISHER EFFECTVNESS

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

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Spill Release Procedures:SMALL SPILL:SWEEP UP MATERIAL ONTO PAPER.  
LARGE SPILL:SHOVEL MATERIAL INTO CONTAINERS.THOROUGHLY SWEEP AREA  
OF SPILL TO CLEAN UP ANY RESIDUAL MATERIAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTAINERS MAY BE HAZARDOUS WHEN  
EMPTIED(RETAIN PRODUCT RESIDUES)ALL HAZARD PRECAUTIONS MUST BE  
OBSERVED.  
Other Precautions:NONE SPECIFIED BY MFR.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST (HIGH EFFICIENCY) RESPIRATOR IF ABOVE PEL/TLV.  
Ventilation:MECHANICAL(GEN/LOCAL EXHAUST)TO MAINTAIN EXPOSURE BELOW TLV  
Protective Gloves:NEOPRENE  
Eye Protection:CHEM SPLASH GOGGLES  
Other Protective Equipment:NORMAL WORK CLOTHING/BOOTS COVERING ARMS AND LEGS.  
Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN;DO NOT BREATHE VAPOR/DUST OR MIST;WASH THOROUGHLY AFTER EACH USE;USE FULL PERSONAL PROTECT  
Supplemental Safety and Health  
HCC = D2 ASSIGNED BASED UPON THE FACT THAT ITEM IS AN OXIDIZER AND TOXIC, ALSO HAS ACUTE & CHRONIC HEALTH EFFECTS (SEE TABLE B-3 OF DLAI 4145.11).

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

HCC:D2  
Spec Gravity:2.52  
Solubility in Water:APPRECIABLE  
Appearance and Odor:RED OR RED-ORANGE DELIQUESCENT CRYSTALS.

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

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Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH ALKALI METALS.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:MAY FORM TOXIC CHROMIUM FUMES,ETC.

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

Waste Disposal Methods:SMALL SPILL:PACKAGE AND DEPOSIT IN LANDFILL IAW LOCAL,STATE,FEDERAL REGULATIONS.LARGE SPILL:DEPOSIT IN LANDFILL IAW LOCAL, STATE,AND FEDERAL REGULATIONS.

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