

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

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Product Identification  
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Product ID:SODIUM DICHROMATE TECHNICAL

MSDS Date:10/01/1985

FSC:6810

NIIN:00-281-2686

MSDS Number: BDSSY

=== 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

=== C

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

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Composition/Information on Ingredients  
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Ingred Name:SODIUM DICHROMATE DIHYDRATE

CAS:7789-12-0

RTECS #:HX7750000

Fraction by Wt: 85-90%

OSHA PEL:C, 0.1 MG/M3 (CRO3)

ACGIH TLV:0.05 MG/M3 (CR);8990

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Hazards Identification  
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Routes of Entry: Inhala

tion: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  
MEMBRANES 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.

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

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

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

Flash Point:NONE  
Extinguishing Media:USE SUITABLE MEDIA FOR SURRO  
UNDING FIRE.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.  
Unusual Fire/Explosion Hazard:DECOMPOSITION RELEASES O\*2(SUPPORTS  
COMBUSTION)AND REDUCES SUFFOCATION TYPE EXTINGUISHER EFFECTVNESS

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

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.

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

Handling and Storage Precautions:CONTAINERS MAY BE HAZARDOUS WHEN  
EMPTIED(RETAIN PRODUCT RESIDUES)ALL HAZARD PRECAUTIONS MUST BE  
OBSERVED.

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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 Protec

tion:CHEM SPLASH GOGGLES

Other Protective Equipment:NORMAL WORK CLOHING/BOOTS COVERING ARMS AND LEGS.

Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN;DO NOT BREATHE VAPOR/DUST OR MIST;WASH THOROUGHLY AFTE 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)

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===== Physical/Chemical Properties =====  
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HCC:D2

Spec Gravity:2.52

Solubility in Water:APPRECIABLE

Appearance and Odor:RED OR RED-ORANGE DELIQUEESCENT CRYSTALS.

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===== Stability and Reactivity Data =====  
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Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH ALKALI METALS.

Hazardous Decomposition Products:MAY FORM TOXIC CHROMIUM FUMES,ETC.

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