

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

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

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

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

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

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

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.

===== 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.

===== 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

===== 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.

===== 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 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 =====
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HCC:D2

Spec Gravity:2.52

Solubility in Water:APPRECIABLE

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

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH ALKALI METALS.

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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