

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: IRRITNT, 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 CLOTHING/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)

===== 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.

===== 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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