

OCTAGON PROCESS,INC. -- SODIUM DICHROMATE TECHNICAL -- 6810-00-281-2686
===== Product Identification =====

Product ID:SODIUM DICHROMATE TECHNICAL

MSDS Date:01/01/1985

FSC:6810

NIIN:00-281-2686

MSDS Number: BDSSZ

=== Responsible Party ===

Company Name:OCTAGON PROCESS,INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945-9400

Emergency Phone Num:201-94

5-9400

CAGE:DO973

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

Company Name:OCTAGON PROCESS,INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Phone:201-945-9400

CAGE:DO973

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

Ingred Name:SODIUM BICHROMATE (SARA III)

CAS:10588-01-9

RTECS #:HX7700000

Fraction by Wt: 86.6%

OSHA PE

L:0.1 PPM CRO3;CEILING
ACGIH TLV:0.05 MG CR/M3; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

Effects of Overexposure:IRRIGATE SKIN,ULCERS,IRRITATE
EYES,CONJUNCTIVITIS.INHALATION WILL IRRITATE,ULCERATE MUCOUS
MEMBRANES

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

First Aid:IN CASE OF CONTACT,IMMEDIATELY FLUSH SKIN OR EYES WITH PLENTY
OF WATER FOR AT LEAST 15 MINUTES.FOR EYES OR SKIN IRRITATO
N CONSULT
DOCTOR RIGHT AWAY.FOR INHALATION OR INGESTION GET IMMEDIATE MEDICAL
HE LP.IF SWALLOWED,STOMACH WASH FOLLOWED BY MILK.

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

Flash Point:N.A.
Extinguishing Media:IN THE EVENT OF FIRE OUTBREAK FLOOD WITH WATER
Unusual Fire/Explosion Hazard:DECOMPOSES AT ABOUT 750F TO GIVE
OXYGEN,SODIUM CHROMATE,& CGRINUC SESQUIOXIDE.OXYGEN PROMOTE BURNING

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

Spil
I Release Procedures:COVER WITH SEAK REDUCING AGENTS SUCH AS
HYPO,BISULFITES OR FERROUS SALTS.BISULFITES OR FEROUS SALTS NEED
ADDITIONAL PROMOTER OF SOME 3M-H*2SO*4 FOR RAPID REACTION.TRANSFER
THE SLURRY INTO LARGE CONTAINER OF WATER & NEUTRALIZE WITH SODA
ASH

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

Handling and Storage Precautions:STORE IN DRY AREA & KEEP CONTAINER
CLOSED.HANDLE CONTAINER WITH CARE;KEEP AWAY FROM FLAMMABLES &
EASILY OXIDIZA

BLE SUBSTANCES. WOODEN FLOOR NOT DESIRED

Other Precautions: WEAR RUBBER GLOVES, FACE SHIELD, ENTIRE BODY SHIELD, PROTECTIVE WORK CLOTHING. HAZARDOUS REACTIONS WITH CARBIDE, AMINES, SUCH AS HYDRAZINE, SLAKED LIME, MERCURY CYANIDES, OXIDIZABLE MATERIALS, ANILINE.

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

Respiratory Protection: RESPIRATOR APPROVED BY U.S. BUREAU OF MINES FOR CHROMATES

Ventilation: AS REQUIRED TO ELIMINATE DUSTS.

Protective Gloves: RUBBER.

Eye Protection

: CHEMICAL SAFETY GOGGLES

Other Protective Equipment: RUBBER APRON & SLEEVES, FACE SHIELD, PROTECTIVE CLOTHING, SHOES

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 =====

HCC: D2

Boiling Pt: B.P. Text: N.A.

Spec Gravity: 2.52

Solubility in Water: APPRECIABLE

Appearance and Odor: BRIGHT ORANGE-RED CRYSTALS, NO ODOR

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

Stability Indicator/Materials to Avoid: YES

REDUCING AGENTS, FLAMMABLES, EASILY OXIDIZABLE SUBSTANCES

Stability Condition to Avoid: TENDS TO PICKUP MOISTURE.

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

Waste Disposal Methods: CHROMATES CANNOT BE DIRECTLY DISCHARGED TO STREAMS. USE VAST VOLUMES OF CONCENTRATED SOLUTION OF REDUCING AGENT (BISULFITES OR FERROUS SALTS WITH 3M-H₂SO₄ OR

**HYPO.NEUTRALIZE WITH SODA ASH OR DILUTE HC L.DRAIN INTO AN APPROVED
DISPOSAL AREA.**

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