

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:201-945-9400

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

PEL: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 IRRITA  
TON 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 =====

Sp  
ill Release Procedures:COVER WITH SEAK REDUCING AGENTS SUCH AS  
HYPO,BISULFITES OR FERROUS SALTS.BISULFITES OR FERROUS 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 OXIDI

ZABLE 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 Protecti

on: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 ORAANGE-RED CR YSTALS,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-H\*2SO\*4 OR

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

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