

FEDERAL SPECIFICATIONS PROMULGATED BY GSA -- CHROMIUM TRIOXIDE -- 6810-00-264-6517

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

Product ID:CHROMIUM TRIOXIDE

MSDS Date:04/13/1992

FSC:6810

NIIN:00-264-6517

MSDS Number: BMQBG

=== Responsible Party ===

Company Name:FEDERAL SPECIFICATIONS PROMULGATED BY GSA

Address:BOUGHT ACCORDING TO MIL SPEC O-C-303

City:WASHINGTON

State:DC

Country:US

Emergency Phone Num:800-

424-9300

Preparer's Name:DGSC-SSH

CAGE:81348

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:FEDERAL SPECIFICATIONS, PROMULGATED BY GSA

Box:City:WASHINGTON

State:DC

Country:US

CAGE:81348

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:TRUETE

CH INC
Address:680 ELTON AVE
Box:City:RIVERHEAD
State:NY
ZIP:11901-2555
Country:US
Phone:516-727-8600
CAGE:06421

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Composition/Information on Ingredients
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Ingred Name:CHROMIUM (VI) OXIDE, CHROMIC ANHYRIDE, CHROMIC ACID, CRO*3.
CAS:1333-82-0
RTECS #:GB6650000
Fraction by Wt: >99.5%
Other REC Limits:0.05 MG/M3
OSHA PEL:0.1 MG/CUM (CRO3)
ACGIH TLV:0.05 MG/CUM (CR)

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT): 8
0 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and
Chronic:INHALATION:CORROSIVE,SENSITIZATION,LUNG DAMAGE.
SKIN:CORROSIVE,SENSITIZATION,ULCERS,DERMATITIS,ECZEMA. EYE:VISION
LOSS/ BURNS,CORNEAL INJURY & STAINING,CONJUNCTIVITIS.
INGESTION:HARMFUL, NEPHROTOXIC, CORROSIVE TO TISSUES, LIVER &
KIDNEY DAMAGE.
Explanation of Carcinogenicity:CHROMIUM TRIOXIDE IS A HUMAN CARCINOGEN.
Effects
of Overexposure:INHALATION:TRACHEOBRONCHIAL EDEMA/ASTHMA/TOOTH
EROSION/RHEUMATIC PAIN/CNS EFFECT/ LUNG CANCER/FATIGUE.
INGESTION:DYSPHAGIA/DIARRHEA/MYALGIA/UREMIA/OLIGURIA/ CIRCULATORY
COLLAPSE/DEATH/HEMORRHAGING/VOM ITING. SKIN:ABRASION/BURNS,ULCERS.
EYE:BURNS, VISIUAL PROBLEMS, SEVERE PAIN.
Medical Cond Aggravated by Exposure:LIVER, KIDNEY, ASTHMATIC CONDITIONS
AND SKIN DISEASES.

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First Aid Measures
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First Aid:INHALATION:RE

MOVE TO FRESH AIR. GIVE CPR/OXYGEN. SKIN: WASH W/SOAP/WATER. COVER W/STERILE/DRY DRESSING/BANDAGE SECURELY AVOIDING TIGHTNESS. EYE:WASH W/WATER FOR 15 MINS. GET IMMED MEDICAL HELP. INGESTION:DON'T USE GASTRIC LAVAGE/EMESIS. DRINK 2-3 GLASSES OF WATER/MILK. IF VOMITING, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. TREAT SHOCK. USE DIMERCAPROL AS ANTIDOTE. GET MEDICAL HELP IN ALL CASES.

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

Flash Point:NONE

Extinguishing Media:CO2, HALON, WATER SPRAY OR FOG

Fire Fighting Procedures:MOVE CONTAINERS. USE WATER TO COOL FIRE- EXPOSED CONTAINERS. USE UNMANNED HOSE HOLDER/MONITOR NOZZLES. WEAR SCBA W/ FULL FACEPIECE IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CONTACT

W/OXIDIZABLES/ORGANICS/COMBUSTIBLE MATERIAL MAY RESULT IN IGNITION/VIOLENT COMBUSTION/EXPLOSION. NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT/FLAME.

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

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Spill Release Procedures:CONTAIN MATERIAL BY DIGGING PIT/POND/LAGOON. COVER SOLID W/PLASTIC SHEET TO PREVENT DISSOLVING. USE MECHANICAL LIFT/ DREDGES TO EXTRACT POLLUTION/PRECIPITATE MASS. DIKE/PLACE DRIED SPILL INTO CONTAINER W/SHOVEL. EVACUATE AREA. KEEP COMBUSTIBLES AWAY.

Neutralizing Agent:SODIUM BICARBONATE, SLAKED OR AGRICULTURAL LIME, OR CRUSHED LIMESTONE

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

Handling and Storage Precautions:K

KEEP AWAY FROM STORAGE TANK ENDS.

OBSERVE ALL PRECAUTIONS. KEEP FROM COMBUSTIBLE/INCOMPATIBLE SUBSTANCES/PHYSICAL DAMAGE/WOODEN FLOORS.

Other Precautions:AVOID MOISTURE, WHICH MAY LEAD TO RUSTING-OUT OF CONTAINERS. AVOID CONTACT W/SKIN, EYES, & CLOTHING. KEEP AWAY FROM FOOD.

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

Respiratory Protection:WEAR NIOSH/MSHA DUST/MIST/AIR-SUPPLIED/PURIFYING RESPIRATOR W/FULL TIGHT-FITTING FACEPIECE W/HIGH-EFFICIENCY

PARTICULATE FILTER OPERATED IN CONTINUOUS FLOW
MODE/PRESSURE-DEMAND/POSITIVE PRESSURE MODE. DON'T USE
SINGLE-USE/QUARTER-MASK.

Ventilation:PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO
KEEP 482F.

Hazardous Decomposition Products:OXYGEN, CHROMIC OXIDES, & OTHER GASES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL REGULATIONS. D002 HAZARDOUS WASTE CODE.

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