

FISHER SCIENTIFIC CHEMICAL DIV -- A100500 CHROMIUM TRIOXIDE -- 6810-00-264-6517

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Product Identification
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Product ID:A100500 CHROMIUM TRIOXIDE
MSDS Date:03/04/1996
FSC:6810
NIIN:00-264-6517
MSDS Number: CDCHX
=== Responsible Party ===
Company Name:FISHER SCIENTIFIC CHEMICAL DIV
Address:1 REAGENT LN
City:FAIR LAWN
State:NJ
ZIP:07410-2802
Country:US
Info Phone Num:201-796-7100/201-796-7523

Emergency Phone Num:201-796-7100/201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV
Address:1 REAGENT LANE
Box:City:FAIRLAWN
State:NJ
ZIP:07410-2802
Country:US
Phone:201-796-7100
CAGE:1B464

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Composition/Information on Ingredients
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Ingred Name:CHROMIC ACID (SOLID OR SOLUTION), CRO3, CHROMIUM (VI)
OXIDE,(CARC BY ACGIH, IARC - GROUP 1; CARC BY NTP) *96-4*
CAS:1333-82-0
RTECS #:GB6650000
Fraction by Wt: 10
0%
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): 80 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:CORROSIVE. EYES: IRREVERSIBLE
INJURY/SEVERE IRRITATION/BURNS/CONJUNCTIVITIS. SKIN:
SENSITIZATION/ALLERGIC REACTION/IRRITATION/DERMATITIS. MAY BE
ABSORBED. INGESTION: SEVE

RE GI TRACT IRRITATION/BURNS/L IVER &
KIDNEY DAMAGE. INHALATION: RESPIRATORY TRACT IRRITATION/PULMONARY
EDEMA/RESPIRATORY TRACT ALLERGIC SENSITIZATION.

Explanation of Carcinogenicity:SEE INGREDIENTS. CONFIRMED HUMAN
CARCINOGEN BY ACGIH.

Effects of Overexposure:IRRITATION, BURNS, BURNING PAIN, ITCHING,
REDNESS, DEEP PENETRATING ULCERS, NAUSEA, VOMITING, COUGHING,
WHEEZING, SHORTNESS OF BREATH, ASTHMATIC ATTACKS, NOSEBLEEDS, NASAL
CONGESTION, EROSION OF TEETH , PERFORATION
OF NASAL SEPTUM, CHEST
PAIN, BRONCHITIS.

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

First Aid:EYES/SKIN: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS.
INGESTION: IF CONSCIOUS & ALERT, GIVE 2-4 CUPFULS OF MILK/WATER.
INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. OBTAIN
MEDICAL ATTENTION IN ALL CASES. NOTES TO PHYSICIAN: TREAT
SYMPTOMATICALLY & SUPPORTIVELY.

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

Extinguishing Media:USE WATER ONLY. USE EXTINGUISHING MEDIA MOST
APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SCBA & APPROPRIATE PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:PRODUCT IS A STRONG OXIDIZER. CONTACT
W/COMBUSTIBLE MATERIALS MAY CAUSE A FIRE.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQUIPMENT.
SWEEP UP, THEN PLACE INTO A SUITABLE CLEAN, DRY CONTAINER FOR
DISPOSAL.

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

Handling and Storage Precautions:DON'T STORE NEAR COMBUSTIBLE
MATERIALS. STORE IN A COOL, DRY PLACE. STORE IN A TIGHTLY CLOSED
CONTAINER. USE W/ADEQUATE VENTILATION.
Other Precautions:AVOID CONTACT W/SKIN & EYES. AVOID CONTACT W/CLOTHING
& OTHER COMBUSTIBLE MATERIALS. AVOID INGESTION & INHALATION.

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

Respiratory Protection:WEAR A NIOSH APPROVED RESP

IRATOR WHEN NECESSARY.

Ventilation:GENERAL/LOCAL EXHAUST: ADEQUATE TO KEEP AIRBORNE
CONCENTRATIONS