

ESSEX CHEMICAL CORPORATION -- O-C-303,CHROMIUM TRIOXIDE,TECHNICAL  
6810-00-264-3939

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

Product ID:O-C-303,CHROMIUM TRIOXIDE,TECHNICAL

MSDS Date:01/01/1985

FSC:6810

NIIN:00-264-3939

MSDS Number: BDQJX

=== Responsible Party ===

Company Name:ESSEX CHEMICAL CORPORATION

Address:1401 BROAD ST

City:CLIFTON

State:NJ

ZIP:07015

Country:US

Emergency Phone Num:NONE

CAGE:2236

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=== Contractor Identification ===

Company Name:ESSEX CHEMICAL CORP

Address:1250 HARMON RD

Box:City:AUBURN HILLS

State:MI

ZIP:48326

Country:US

Phone:248-391-6300

CAGE:22360

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

Ingred Name:CHROMIUM (VI) OXIDE

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: 99.5%

OSHA PEL:C, 0.1 MG/M3 (CRO3)

ACGIH TLV:0.05 MG/M3(CR); 8990

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

Effects of Overexposure:STRONG IRRITAT

ION OF SKIN & MUCOUS

MEMBRANES.DERMATITIS,CHROME ULCER,LOSS OF EYE SIGHT,CHROME HOLE.

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

First Aid:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.GET IMMEDIATE MEDICAL ATTENTION FOR EYES & SKIN BURNS OR IF INGESTED.IF INHALED,REMOVE TO UNCONTAMINATED AREA & GET IMMEDIATE MEDICAL ATTENTION.WASH CONTAMINATED AREAS OF BODY WITH LARGE AMOUNTS H\*2O

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

Flash Point:N.A.

Extinguishing Media:WATER

Fire Fighting Procedures:FLUSH WITH WATER

Unusual Fire/Explosion Hazard:POWERFUL OXIDIZING AGENT.MAY IGNITE OXIDIZABLE MATERIALS.KEEP AWAY FROM COMBUSTIBLES,E.G.PAPER,WOOD.

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

Spill Release Procedures:COVER WITH WEAK REDUCING AGENTS SUCH AS HYPO,BISULFITES OR FERROUS SALTS.BISULFITES OR FERROUS SALTS NEED ADDITIONAL PROMOTER OF SOME 3M-H\*2SO\*4 FOR RAID REACTION.TRANSFER

THE SLURRY INTO A LARGE CONTAINER OF WATER,NEUTRALIZE WITH SODA ASH

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

Handling and Storage Precautions:STORE IN DRY AREA WITH TIGHTLY CLOSED STEEL CONTAINERS OUT OF CONTACT WITH COMBUSTIBLES OR ORGANICS SUCH AS GREASES.AVOID WOOD FLOORING.

Other Precautions:PROTECT CONTAINER AGAINST PHYSICAL DAMAGE.WEAR RUBBER GLOVES,MASK,OVERALLS,RUBBER APRONS,RUBBER SHOES & SELF CONTAINED BREATHING APPARATUS.

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

Respiratory Protection:U.S.BUREAU OF MINES 2175 MODEL 7100 DUST RESPIRATOR OR MONO MASK 600

Ventilation:ADEQUATE TO REMOVE DUST OR MISTS.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:FACE SHIELD,RUBBER SLEEVES,APRONS,BOOTS,HARD HATS,CLOTHING

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

HCC:D3

Boiling Pt:>230.C, 446.F

Spec Gra

vity:2.7

Solubility in Water:62 PERCENT

Appearance and Odor:SOLID,DARK RED FLAKES OR POWDER,NO ODOR

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLES & MANY ORGANICS,REDUCING AGENTS,OILS, GREASES

Stability Condition to Avoid:EXPOSURE TO MOIST AIR PICKS UP WATER

Hazardous Decomposition Products:AT 387F OXYGEN GAS & CHROMIC OXIDE

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

Waste Disposal Methods:U

SE VAST VOLUME OF CONCENTRATED SOLUTION OF

REDUCING AGENT (BISULFITES OR FERROUS SALTS WITH 3M-H<sup>2</sup>SO<sup>4</sup> OR  
HYPO).NEUTRALIZE WITH SODA ASH OR DILUTE HCL.DRAIN INTO AN APPROVED  
DISPOSAL AREA.

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