

ALLIED CHEM.CORP.,IND.CHEM.DIV -- O-C-303,CHROMIUM TRIOXIDE TECHNICAL --  
6810-00-264-6517

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

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

MSDS Date:01/01/1985

FSC:6810

NIIN:00-264-6517

MSDS Number: BDQMC

=== Responsible Party ===

Company Name:ALLIED CHEM.CORP.,IND.CHEM.DIV

Address:COLUMBIA RD & PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Emer

gency Phone Num:NONE KNOWN

CAGE:KO980

=== Contractor Identification ===

Company Name:ALLIED CHEM.CORP.,IND.CHEM.DIV

Address:COLUMBIA RD & PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

CAGE:KO980

Company Name:ALLIED-SIGNAL INC

Address:Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

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

Ingred Name:CHROMIC ACID,SOLID

CAS:117-10-2

RTECS #:CB6650000

Fraction by Wt: >99%

AC

GIH TLV:0.05 MG/CUM(CR)

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

Effects of Overexposure:STRONG IRRITATION OF SKIN & MUCOUS  
MEMBRANES.DERMATITIS,CHROME ULCER,LOSS OF EYESIGHT,CHROME HOLE

=====  
===== 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 OR  
INHALED REMOVE TO UNCONTAMINATED AREA & GET IMMEDIATE MEDICAL  
ATTENTION.WASH CONTAMINATED AREAS OF BODY WITH LARGE AMOUNTS H\*2O

=====  
===== 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.

=====  
===== 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 RAPID REACTION.TRANSFER  
THE SLURRY INTO A LARGE CON TAINER OF WATER,NEUTRALIZE WITH SODA  
ASH.

=====  
===== 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 CONTAINERS AGAIN  
ST PHYSICAL DAMAGE,WEAR  
RUBBER GLOVES,MASK COVERALLS,RUBBER APRONS,RUBBER SHOES,&SELF  
CONTAINED BREATHING APPARATUS.

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

Respiratory Protection:U.S.BUREAU OF MINES 2175 MODEL 7100 DUST  
RESPIRATOR  
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 He

alth

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

HCC:D3

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:2.7

Solubility in Water:APPRECIABLE

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 387

F.OXYGEN GAS & CHROMIC OXIDE

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

Waste Disposal Methods:USE 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.