

MCGEAN -ROHCO,INC. -- CHROMIC ACID -- 6810-00-264-6517

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Product Identification
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Product ID:CHROMIC ACID

MSDS Date:04/01/1988

FSC:6810

NIIN:00-264-6517

MSDS Number: BHCJT

=== Responsible Party ===

Company Name:MCGEAN -ROHCO,INC.

Address:2910-HARVARD AVE

City:CLEVELAND

State:OH

ZIP:44109

Country:US

Info Phone Num:216-621-6425

Emergency Phone Num:216-441-4900

CAGE:98299

=== Contractor Iden

tification ===

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Composition/Information on Ingredients
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Ingred Name:CHROMIUM (VI) OXIDE

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: 100.0%

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

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

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Hazards Identification
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Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health

Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY AND G.I.TRACT;BURNS TO SKIN AND EYES,INGESTION MAY CAUSE LIVER OR KIDNEY DAMAGE .CHRONIC:ULCERATION OF MUCOUS MEMBRANES OF NOSE AND MOUTH,"NASAL HOLES".

Explanation of Carcinogenicity:CHROMIUM AND ITS COMPOUNDS ARE LISTED AS CARCINOGENS.

Effects of Overexposure:SEE HEALTH HAZARDS DATA

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:POWERFUL OXIDIZING AGENT ,MAY REACT WITH OXIDIZABLE SUBSTANCES RAPIDLY ENOUGH TO IGNITE THEM.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;REMOVE ALL IGNITION SOURCES;CONTAIN FREE SOLID IF POSSIBLE;USE SODA ASH/INERT ABSORBENT MATERIAL AND COLLECT FOR PROPER DISPOSAL.

Neutralizing Agent:SODA ASH OR LIME.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATE

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AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR AN ACID VAPORS/MIST IF

ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV (> 60 CFM VELOCITY)

LOCAL EXHAUST IS REQUIRED IN CASE OF AN ENCLOSED AREA.

Protective Gloves:NEOPRENE, NITRILE, VPC OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.WASH THOROUGHLY AFTER EACH USE.

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

HCC:D3

Spec Gravity:2.7

Solubility in Water:APRECIABLE

Appearance and Odor:DARK RED FLAKES OR POWDER

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZ

ING AGENTS,COMBUSTIBLE

ORGANICS,PAPER,WOOD,SULFUR,ALUMINUM.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:NOT SPECIFIED BY MGF

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES ;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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