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MCGEAN -ROHCO,INC. -- CHROMIC ACID (SOLID) -- 6810-00-264-3939

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

Product ID:CHROMIC ACID (SOLID)
MSDS Date:05/01/1997
FSC:6810
NIIN:00-264-3939
MSDS Number: BJXXJ
=== 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:703-527-3887
Resp. Party Ot
her MSDS Num.:47130
Preparer's Name:DIR OF ENV AFFAIRS
Chemtrec Ind/Phone:(800)424-9300
CAGE:98299
=== Contractor Identification ===
Company Name:MCGEAN -ROHCO,INC.
Address:2910-HARVARD AVE
City:CLEVELAND
State:OH
ZIP:44109
Country:US
Phone:216-441-4900
CAGE:98299

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

Ingred Name:CHROMIC ACID
CAS:1333-82-0
RTECS #:GB6650000
= Wt:100.
OSHA PEL:100 MICRO GRAMS/M3
ACGIH TLV:50 MICRO GRAMS/M3

========== Hazards Identific

ation ==========

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Health Hazards Acute and Chronic:TARGET ORGANS: SKIN, EYES, MUCOUS MEMBRANES, KIDNEY, LIVER. ACUTE: CORROSIVE TO SKIN AND EYES. CHRONIC: ULCERATON OF MUCOUS MEMBRANES OF NOSE AND MOUTH. "NASAL HOLES". MAMMALIAN REPRODUCTIVE TOXIN.
Explanation of Carcinogenicity:MANUFACTURER STATES: SUSPECT CARCINOGEN-YES.
Effects of Overexposure:SKIN-IRRITATION,
BURNING, DEEP PENETRATING
ULCERS. INHALED- IRRITATION OF NASAL SEPTUM AND RESPIRATORY TRACT. NASAL HOLES. INGESTED-EXTREME TISSUE DESTRUCTION, VOMITING.
Medical Cond Aggravated by Exposure:DERMATITIS.

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

First Aid:EYES-FLUSH WITH WATER FOR AT LAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN-WASH WITH SOAP & WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHES. INHALATION-IRRIGATE NASAL PASSAGES AND MOUTH WITH WATER.
I NGESTED-DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK. SEEK IMMEDIATE MEDICAL ATTENTION. GASTRIC LAVAGE UNDER MEDICAL DIRECTION IS RECOMMENDED FOLLOWED BY ORAL (1 GRAM OR MORE) OR INTRAVENOUS ASCORBIC ACID TREATMENT.

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

Flash Point:NONE
Extinguishing Media:IF INVOLVED IN FIRE, USE WATER ONLY.
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS. MATERIAL MAY FORM
A HOT VISCOUS FOAM.
Unusual Fire/Explosion Hazard:POWERFUL OXIDIZING AGENT. MAY REACT WITH OXIDIZABLE SUBSTANCES RAPIDLY ENOUGH TO IGNITE THEM.

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

Spill Release Procedures:COLLECT SPILLED MATERIAL IN A SAFE MANNER AND PLACE IN A METAL CONTAINER FOR RECLAMATION OR DISPOSAL. TREAT RESIDUE WITH A REDUCING AGENT SUCH AS SODIUM BISULFITE. NEUTRALIZE WITH SODA ASH OR LIME. AB SORB WITH INERT MATERIAL SUCH AS VERMIC

ULITE, SAND, OR SOIL.. PLACE IN A LABELLED.CONTAINER.
Neutralizing Agent:SODA ASH OR LIME.

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

Handling and Storage Precautions:WEAR PROTECTIVE CLOTHING AS STATED. KEEP AWAY FROM COMBUSTIBLE MATERIAL. DO NOT REUSE CONTAINERS. AVOID DUSTING. DISPOSE OF EMPTY CONTAINERS IN A MANNER MEETING GOVERNMENT REGULATIONS.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

========== Exposure Controls/Personal Protection ====
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Respiratory Protection:IF TWA EXCEEDED, MUST BE NIOSH OR MSHA APPROVED.
Ventilation:SUFFICIENT TO KEEP BELOW TLV LIMITS.
Protective Gloves:RUBBER OR PVC GLOVES.
Eye Protection:CHEMICAL GOGGLES AND FACE SHIELD.
Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health

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

HCC:D3
Spec Gravity:2.7
Solubility in Water:63 WT% (APPRECIA
BLE)
Appearance and Odor:DARK RED FLAKES OR POWDER. NO ODOR
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
ANY COMBUSTIBLE ORGANIC OR OTHER READILY OXIDIZABLE MATERIALS SUCH AS PAPER, WOOD, SULFUR, ALUMINUM, ETC.
Stability Condition to Avoid:NONE STATED.
Hazardous Decomposition Products:NONE KNOWN.

========== Toxicological Information ==========

Toxicological Information:NONE

SPECIFIED BY MANUFACTURER.

========== Ecological Information ==========

Ecological:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:REDUCE HEXAVALENT CHROMIUM TO TRIVALENT CHROMIUM IN SOLUTION BY REDUCING AGENTS SUCH AS SODIUM BISULFITE, SODIUM SULFITE, FERROUS SULFATE OR FERROUS CHLORIDE. PRECIPITATE BY NEUTRALIZING TO PH 7.5 WIT H SODA SH OR LIME. DISPOSE OF PRECIPITATE IN AN E
PA APPROVED LANDFILL. FOLLOW LOCAL, STATE & FEDERAL REGULATIONS.

========== MSDS Transport Information ==========

Transport Information:DOT CLASS: 5.1 (8) (6.1) UN REGISTER: UN-1463. IMCO CLASS: 5.1 (8) (6.1) UN REGISTER: UN-1463.

========== Regulatory Information ==========

SARA Title III Information:SARA HAZARDS: ACUTE, CHRONIC.
Federal Regulatory Information:RCRA # (IF DISPOSED OF AS RECEIVED): D001, D007.
State Regulatory Informati
on:NONE SPECIFIED BY MANUFACTURER.

========== Other Information ==========

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