

CHROMIC ACID

MSDS Number

BHCJT

National Stock Number

6810-00-264-6517

Product Name

CHROMIC ACID

Manufacturer

MCGEAN ROHCO INC

Product Identification

Product ID:CHROMIC ACID

MSDS Date:04/01/1988

FSC:6810

NIIN:00-264-6517

MSDS Number: BHCJT

Responsible Party

MCGEAN -ROHCO,INC.

2910-HARVARD AVE

CLEVELAND , OH 44109

US

Emergency Phone: 216-441-4900

Info Phone: 216-621-6425

Cage: 98299

Contractor

MCGEAN -ROHCO,INC.

CLEVELAND, OH 44109

US

216-441-4900

Cage: 98299

Ingredients

CHROMIUM (VI) OXIDE

CAS: 1333-82-0

RTECS: GB6650000

Fraction By Weight: 100.0%

OSHA PELC, 0.1 MG/M3 (CRO3)

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

Hazards

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:CHROMIMUM 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

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

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 OXIDING AGENT ,MAY REACT WITH OXIDIZABLE SUBSTANCES RAPIDLY ENOUGH TO IGNITE THEM.

Accidental Release

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

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

Exposure Controls

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.

Chemical Properties

HCC:D3
Spec Gravity:2.7
Solubility in Water:APRECIABLE
Appearance and Odor:DARK RED FLAKES OR POWDER

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS,COMBISTIBLE
ORGANICS,PAPER,WOOD,SULFUR,ALUMINUM.
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products:NOT SPECIFIED BY MGF

Disposal

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

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