

HARCROS CHEMICALS INC -- 05055 CHROMIC ACID -- 6810-00-264-3939

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

Product ID:05055 CHROMIC ACID

MSDS Date:01/11/1995

FSC:6810

NIIN:00-264-3939

MSDS Number: BZXRV

=== Responsible Party ===

Company Name:HARCROS CHEMICALS INC

Address:5200 SPEAKER RD

Box:2930

City:KANSAS CITY

State:KS

ZIP:66106-5000

Country:US

Info Phone Num:913-321-3131

Emergency Phone Num:913-321-31

31

CAGE:3H606

=== Contractor Identification ===

Company Name:HARCROS CHEMICALS INC.

Address:5200-SPEAKER ROAD

Box:2383

City:KANSAS CITY

State:KS

ZIP:66106-1095

Country:US

Phone:913-321-3131

CAGE:3H606

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

Ingred Name:CHROMIC ACID (SOLID OR SOLUTION), CRO3, CHROMIUM (VI)  
OXIDE,(HUMAN CARC BY ACGIH, IARC - GROUP 1; CARC BY NTP) \*96-2\*

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: 100%

OSHA PEL:0.1 MG/CUM (CRO3)

ACGIH TLV:0.05

MG/CUM (CR)

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:EYES: IRRITATION, BURNS, BLINDESS.  
SKIN: IRRITATION, BURNS, TISSUE ULCERATION, ABSORPTION. INHALATION:  
SEVERE IRRITANT, PERFORATION OF NASAL SEPTUM. PROLONGED/REPEATED  
OVEREXPOSURE MAY CAUSE TISSUE UL CERATION, CANCER, ASTHMA,  
BRONCHITIS, EROSION OF TEE  
TH. INGESTION: IRRITATION, BURNS, DEATH.  
MAY AFFECT KIDNEYS & LIVER.  
Explanation of Carcinogenicity:SEE INGREDIENTS.  
Effects of Overexposure:IRRITATION, BURNS  
Medical Cond Aggravated by Exposure:PERSONS HAVING DISORDERS OF THE  
KIDNEYS & SKIN

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

First Aid:EYES/SKIN: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS.  
INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY.  
INGESTION: DON'T INDUCE VOMITING. RINS  
E MOUTH W/WATER. DILUTE  
STOMACH CONTENT S BY DRINKING WATER. VOMITING SPONTANEOUSLY, KEEP  
HEAD BELOW HIPS TO PREVENT BREATHING VOMIT INTO LUNGS. OBTAIN  
MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:WATER FOG, DRY CHEMICAL, CO2  
Fire Fighting Procedures:PREVENT EXPOSURE TO FIRE, FUMES, SMOKE &  
PRODUCT OF COMBUSTION. EVACUATE. WEAR FULL FACE, SELF CONTAINED  
BREATHING APPARATUS & IMPERVIOUS PROTECTIVE CL  
OTHING.  
Unusual Fire/Explosion Hazard:PRODUCT DOESN'T BURN, BUT CAN PROVIDE  
OXYGEN TO INTENSIFY FIRE, RELEASING TOXIC FUMES. PRODUCT IS AN  
OXIDIZER. MAY REACT VIGOROUSLY W/ORGANICS & EXPLODE.

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

Spill Release Procedures:NEUTRALIZE & CONTAIN. SWEEP, SHOVEL/PICK UP &  
RETURN TO DRY, CLEAN CONTAINER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSE

D WHEN NOT IN USE.

KEEP OUT OF REACH OF CHILDREN.

Other Precautions: DON'T GET IN EYES, ON SKIN/ON CLOTHING & BREATHE DUST. . KEEP FROM CONTACT W/OTHER CLOTHING/COMBUSTIBLES. DON'T SWALLOW. THIS CONTAINER IS HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINER CONTAINS PROD UCT RESIDUE, LABELS SHOULD BE OBSERVED.

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

Respiratory Protection: IF EXPOSURE LIMITS ARE EXCEEDED/IF EXPOSURE MAY OCCUR, USE A NIOSH/MSHA RESPIRATOR APPROVED FOR YOUR CONDITIONS OF EXPOSURE. FOR EMERGENCIES, A NIOSH/MSHA APPROVED POSITIVE PRESSURE BREATHING APPARATUS SHOULD BE READILY AVAILABLE.

Ventilation: ADEQUATE VENTILATION IS REQUIRED TO MINIMIZE EXPOSURE/TO MAINTAIN EXPOSURE LEVELS