

HARCROS CHEMICALS INC -- 6101 FERROUS SULFATE HEPTAHYDRATE -- 6810-00-264-6534  
===== Product Identification =====

Product ID:6101 FERROUS SULFATE HEPTAHYDRATE

MSDS Date:03/22/1993

FSC:6810

NIIN:00-264-6534

MSDS Number: CCGDX

=== 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:913-321-3131

Preparer's Name:GENE TURNER

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:FERROUS SULFATE, HEPTAHYDRATE

CAS:7782-63-0

RTECS #:NO8510000

Fraction by Wt: 100%

ACGIH TLV:1 MG/CUM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES/SKIN/INHALATION: IRRITATION.  
INGESTION: MAY CAUSE DEATH.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, REDNESS, VOMITTING.

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First Aid Measures  
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First Aid:EYES/SKIN: FLUSH W/PLENTY OF WATER FOR 15 MINS. OBTAIN  
MED  
ICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures  
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Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE.

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Accidental Release Measures  
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Spill Release Procedures:SWEEP, SHOVEL, PICK UP & RETURN TO DRY, CLEAN  
CONTAINER. USE NON-SPARKING TOOLS, AVOID DUST FORMATION. FLUSH AREA  
W/WATER.

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Handling and Storage  
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Handling and Storage Precautions:EMPTY CONTAINER R  
ETAINS PRODUCT  
RESIDUE. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN A COOL DRY  
PLACE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:IF EXPOSURE LIMITS ARE EXCEEDED, USE A  
NIOSH/MSHA APPROVED RESPIRATOR.  
Ventilation:ADEQUATE TO MINIMIZE EXPOSURE LEVELS.  
Protective Gloves:IMPERVIOUS  
Eye Protection:CHEMICAL GOGGLES  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING.  
Supplemental Safety and Health  
MAT TO AVOID CONT'D: PEROXIDES

, CHROMATES, HYPOCHLORITES, NITRIC ACID & SULFURIC ACID.

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

Spec Gravity:1.9

pH:3.7

Solubility in Water:APPRECIABLE

Appearance and Odor:SOLID-POWDER, CRYSTAL, FLAKE, GRANULE TABLET, PRILL BRIQUETTE, ETC.

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

Stability Indicator/Materials to Avoid:YES

INORGANIC BASES, BLEACHING AGENTS, OXIDIZERS SUCH AS CHLORINE, OXYGEN, PERMANGANATES, PERCHLORATE, PERCARBONATES. (SUPP)

Hazardous Decomposition Products:OXIDES OF SULFUR.

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

Waste Disposal Methods:DISPOSE OF AT AN APPROVED FACILITY IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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