

QC CORP -- FERROUS SULFATE HEPTAHYDRATE -- 6810-00-550-7452

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

Product ID:FERROUS SULFATE HEPTAHYDRATE

MSDS Date:10/01/1990

FSC:6810

NIIN:00-550-7452

MSDS Number: BQDZH

=== Responsible Party ===

Company Name:QC CORP

Address:SUITE 105, 4 RESERVOIR CIR

City:BALTIMORE

State:MD

ZIP:21208

Country:US

Info Phone Num:410-486-0010

Emergency Phone Num:410-486-0010

CAGE:62655

=== Contractor Identification ===

Company Name:QC CORP

Address:SUITE 105, 4 RESERVOIR CIR

Box:City:BALTIMORE

State:MD

ZIP:21208

Country:US

Phone:410-486-0010

CAGE:62655

Company Name:SILVER SALES

Address:5115 DOUGLAS FIR RD SUITE C

Box:City:CALABASES

State:CA

ZIP:91302

Country:US

Phone:818-591-0788 WAS IN TX

CAGE:0WG65

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

Ingred Name:FERROUS SULFATE HEPTAHYDRATE (SARA III)

CAS:7720-78-7

RTECS #:NO8510000

Fraction by Wt: 100%

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her REC Limits:NONE RECOMME  
OSHA PEL:1 MG (FE)/M3  
ACGIH TLV:1 MG (FE)/M3; 9394  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 1480 MG/KG.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY  
AND GI TRACTS. ACUTE AND CHRONIC- EYES, SKIN, RESPIRATORY AND GI  
TRACTS  
IRRITATION. INGESTION MAY CAUSE SHOCK, LIVER DAMAGE, HEART  
DISEASE AND DEATH.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL  
TRACTS IRRITATION, ITCHING OR STINGING OF EYES, BREATHING  
DIFFICULTY, STOMACH ACHE, ACIDIC OR SOUR TASTE  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING DISEASES  
SUCH AS DERMATITIS, ASTHMA, CONJUNCTIVITIS, STOMACH OR DIGESTIVE  
PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS  
PRODUCT.

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

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP &  
WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED.  
ORAL:CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. TREATMENT  
SHOULD BE ADMINSTERED BY QUALIFIED MEDICAL PERSONNEL. COVER IF IN  
SHOCK.

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

Flash Point:NONE  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL  
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED  
CONTAINERS.  
Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING  
APPARATUS IF NEEDED. AVOID BREATHING FUMES OR SMOKE.  
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMEN

TS. VENTILATE AREA.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE BELOW 75F AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions

:AVOID BREATHING DUSTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:IF DUSTY SITUATION, USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR DUST/MIST RESPIRATOR.

Ventilation:ADEQUATE

Protective Gloves:RUBBER OR LATEX

Eye Protection

on:DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER, EYE BATH AND COVERALLS

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Decomp Temp:Decomp Text:572F,300C

Vapor Pres:0

Spec Gravity:1.899

Evaporation Rate & Refe

rence:NOT RELEVANT

Solubility in Water:103GM/100 ML @ 140F

Appearance and Odor:LIGHT BLUE-GREEN SOLID, ACIDIC OR SOUR ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS AND ALKALIES

Stability Condition to Avoid:EXTREMELY HIGH TEMPERATURES

Hazardous Decomposition Products:OXIDES OF SULFUR AND IRON

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE

WITH ALL APPLICABLE

FEDERAL, STATE AND LOCAL REGULATIONS. LANDFILL IS RECOMMENDED. IF  
IN SOLUTION, PRECIPITATE WITH ALKALI AND FILTER OFF.

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