

FERROUS SULFATE HEPTAHYDRATE

MSDS Number

BBPDQ

National Stock Number

6810-00F003953

Product Name

FERROUS SULFATE HEPTAHYDRATE

Manufacturer

QC CORP

Product Identification

Product ID:FERROUS SULFATE HEPTAHYDRATE

MSDS Date:01/01/1987

FSC:6810

NIIN:00F003953

MSDS Number: BBPDQ

Responsible Party

QC CORP/GLEN BURNIE, MARYLAND 21061

Emergency Phone: (301) 787-0060

Cage: EO758

Contractor

QC CORP/GLEN BURNIE, MARYLAND 21061

BALTIMORE, MD 21208

US

410-486-0010

Cage: EO758

Ingredients

FERROUS SULFATE (SARA III)

CAS: 7782-63-0

RTECS: NO8510000

Fraction By Weight: 100%

OSHA PEL1 MG FE/M3

ACGIH TLV: 1 MG FE/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Effects of Overexposure:EYE CONTACT IS IRRITATING AND CAN BE DAMAGING.

SKIN CONTACT: REPEATED OR PROLONGED, IS IRRITATING.

First Aid

First Aid:EYE: FLUSH W/WATER FOR 15 MINUTES. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH W/WATER. INHALATION: REMOVE TO FRESH AIR. KEEP WARM & REST. INGESTION: GIVE MILK OR WATER, IF CONSCIOUS AND INDUCE VOMITING . CONTACT PHYSICIAN.

Fire Fighting

Flash Point:NOT COMBUSTIBLE

Extinguishing Media:USE WHICH IS APPROPRIATE FOR THE SURROUNDING FIRE

CONDITIONS

Fire Fighting Procedures:PROTECTIVE CLOTHING/SELF-CONTAINED BREATHING
Unusual Fire/Explosion Hazard:IT IS DECOMPOSED AT HIGH TEMPERATURES TO
PRODUCE TOXIC AND CORROSIVE MATERIALS.

Accidental Release

Spill Release Procedures:AVOID DUSTY CONDITIONS PICK UP SPILLED SOLID
FOR RECOVERY OR DISPOSAL. THOSE INVOLVEIN CLEAN UP NEED PROTECTION
FROM INHALATION/FROM SKIN CONTACT. TRACE RESUES CAN BE FLUSHED
W/WATER, BUT DON'T SEND T HIS SOLUBLE IRON COMPOUND TOEWERS.

Handling

Handling and Storage Precautions:STORE IN WELL-CLOSED CONTAINERS IN A
COOL, DRY AREA, AWAY FROM ALKALINE MATERIALS/OXIDIZING AGTS.
OXIDIZES IN MOIST AIR TO FERRIC SULFATE.
Other Precautions:AVOID BREATHING DUST OR SOLUTION MISTS. KEEP OFF SKIN
OR CLOTHING; THOROUGHLY RINSE AND LAUNDER CONTAMINATED CLOTHING
BEFOREEUSE. KEEP OUT OF EYES. DON'T INGEST.

Exposure Controls

Respiratory Protection:IN CASES WHERE THE TLV IS EXCEEDED, APPROVED
DUST RESP MUST BE USED
Ventilation:PROVIDE EXHAUST VENTILATION TO KEEP BELOW LEL/TLV
Protective Gloves:NEOPRENE/RUBBER
Eye Protection:GOGGLES
Other Protective Equipment:AN EYEWASH STATION/SAFETY SHOWER/OTHER
PROTECTIVE CLOTHING.
Supplemental Safety and Health
MELTING POINT: 64C. PH (10% AQUEOUS SOLU.): 3.7. MSDS DATED: NOV 1985.

Chemical Properties

Spec Gravity:1.898
Solubility in Water:SOLUBILITY
Appearance and Odor:BLUE-GREEN/FREE-FLOWING/FINE CRYSTALS. NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
ALKALIES, SOLUBLE CARBONATES AND OXIDIZING AGENTS
Stability Condition to Avoid:IT IS ACIDIC AND A REDUCING AGENT.
Hazardous Decomposition Products:LOSS WATER, DECOMPOSES TO SOX

Disposal

Waste Disposal Methods:TREAT WATER SOLUTION OF SCRAP MATERIAL W/SODA
ASH OR DILUTE SODIUM HYDROXIDE TO PRECIPITATE IRON. SEPARATE THE
PRECIPITATE/DISPOSE OF IN AN APPROVED LANDFILL. FOLLOW FEDERAL,
STATE AND LOCAL REGULATIO NS.

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