

Manufacturer Information

MATERIAL SAFETY DATA SHEET

Ferrous Sulfate HEPTAHYDRATE - MONOHYDRATE
 HEALTH
 1

 FLAMMABILITY
 0

 REACTIVITY
 0

 PERSONAL PROTECTION
 E

Secti	ion V - Reactivity Data
Stability:	Stable
Incompatibility	Oxidizing Agents and Alkalies.
Conditions to Avoid:	Extremely high temperatures.
Hazardous Decomposition	Products of sulfur oxides,
or By-products:	i.e. SO ₂ & SO ₃
Hazardous Polymerization:	Will Not Occur
Section	n VI - Health Hazard Data
Route(s) of Entry:	Inhalation (Yes); Skin (Yes), Ingestion
	(Yes); Eyes (Yes)
Inhalation:	Irritation to respiratory system.
Skin:	Mild irritant.
Eyes:	Will cause painful irritation.
Ingestion:	Ingestion of large quantities can
	produce GI tract disturbances, severe
	shock, vomiting, liver damage,
	tachycardia and death.
Carcinogenicity:	Not established.
ouremogeneity.	
Medical Conditions Generally	Dermatitis, asthma, conjunctivitis,
Aggravated by Exposure:	stomach or digestive problems.
Signs and Symptoms of	Irritation or itching, stinging of eyes,
Exposure:	breathing problems, stomach ache,
	acid or sour taste.
Emergency and First-Aid	Flood skin and eves with water for 15

Product/Material:	Ferrous Sulfate Moist & Dried Heptahydrate & Monohydrate
Manufacturer's Name &	
Address:	QC Corporation 5566 Nash Road
Address.	Cape Girardeau, MO 63701
Emergency Tel. No.:	410-486-0010
Chemtrec Number:	800-424-9300
Date Prepared:	1/01/12
Prepared By:	Jason Gordon
Section I	- Product Identification
Trade Name:	Ferrous Sulfate: Moist Heptahydrate,
	Dried Heptahydrate, Monohydrate
Synonym:	Copperas, Iron (II) Sulfate
Chemical Family:	Iron (II) Sulfate
Formula:	FeSO ₄ · 7H ₂ O - Heptahydrate
	FeSO₄ · 1H ₂ O - Monohydrate
CAS:	7720-78-7 - Ferrous Sulfate
	7782-63-0 - Heptahydrate
	17375-41-6 - Monohydrate
HMIS:	H1 FO RO, Personal
	Protection Code-E (Safety
	glasses, gloves)
*DOT Catagons (anh) for	
*DOT Category (only for	Other regulated substances, solid, N.O.S., 9, NA 3077, III, RQ (Ferrous
packages containing 1,000 lbs. or more):	Sulfate)
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	*Per 49CFR 172.504 (f) (9), Class 9
	placards are not required for domestic
	(USA ground) transportation, however
	shipments with packaging or bulk in
	excess of 1,000 lbs. each, will require
	a marking on a white square of 3077.
	Shipments with markings DO NOT
	require a driver CDL with hazardous
	endorsements.
Section II.	- Hazardous Ingredients
Ferrous Sulfate:	FeSO ₄ . H ₂ O
OSHA PEL:	N.A.
ACGIH TLV (1979):	Rat. Oral LD50: 1480 mg/m ³
Other Limits:	None
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Constitu	
	on III - Physical Data
Boiling Point:	on III - Physical Data Decomposition at 300° C.
Boiling Point: Vapor Pressure (mm Hg):	Decomposition at 300° C. 0
Boiling Point: Vapor Pressure (mm Hg): Vapor Density:	Decomposition at 300° C. 0 N.A.
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QC Corporation, One Reservoir Circle, Suite 100, Baltimore, MD 21208, 800-883-0010, 410-486-0010, 410-486-0895 Fax