

CUSTOMER: F0424193

ORDER #: 0248:

BATCH #: 102110068

STICKER #: 102110361

ZONE #:315

BARCODE #:9611019095150215678636

PRODUCT NAME: FERROIN INDICATOR

MATERIAL SAFETY DATA SHEET: FERROIN INDICATOR

Section I - General Information

(000000-000000- - T226)

Date of Issue:

4/25/1990 12:00:00 AM

Chemical Name & Synonyms:

N/A

Chemical Family:

AQUEOUS FERROUS SULFATE

Manufacturer Name:

CHEMSEARCH DIV. OF NCH CORP.

Manufacturer Address:

BOX 152170

IRVING, TX 75015

Prepared By:

RICHARD STOLLEY/T.S.CHEM.

Supersedes:

4/25/1990 12:00:00 AM

Trade Name & Synonyms:

FERROIN INDICATOR

Formula is a mixture: [✓]

Product Code Number: T226

Emergency Phone Number: 800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)

FERROUS SULFATE
1,10-PHENANTHROLINE

Hazard

IRR/MUT.
TOXIC

TLV

NOT EST.
NOT EST.

PEL

NOT EST.
NOT EST.

STEL

CAS #

7720-78-7
66-71-7

Section III - Physical Data

Boiling Point (°F):212

Vapor Pressure (mm Hg):17

Vapor Density (Air=1):0.6

pH @ 100% :6

% Volatile by Volume:98

H₂O Solubility:COMPLETESpecific Gravity (H₂O=1):1.0

Color:DARK RED

Odor:NONE

Clarity:TRANSPARENT

Evaporation Rate (BuAc=1):0.10

Viscosity:NON-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point:NON-FLAM

Flammable Limits: N/A

LEL: N/A

Method Used: T.C.C.

UEL: N/A

Aerosol Level (NFPA 30B): N/A

Extinguishing Media:

<input checked="" type="checkbox"/> Foam	<input checked="" type="checkbox"/> Alcohol Foam	<input checked="" type="checkbox"/> CO2
<input checked="" type="checkbox"/> Dry Chemical	<input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Other

NFPA 704 Hazard Rating:

4-Extreme	Health: 1
3-High	Flammability: 0
2-Moderate	Instability: 0
1-Slight	Special:
0-Insignificant	

Special Fire Fighting Procedures:

WHILE PRODUCT IS NON-FLAMMABLE, USE ABOVE MEDIA DEPENDING UPON THE NATURE OF THE FIRE.

Unusual Fire and Explosion Hazards:

N/A

Section V - Health and Hazard Data

Threshold Limit Value:

NOT ESTABLISHED. SEE SECTION II

Effects of Overexposure:

Acute: (Short Term Exposure)

MAY CAUSE STAINING AND OR MINOR IRRITATION OF SKIN. CONTACT WITH EYES MAY BE IRRITATING AND CAUSE REDDENING AND DISCOMFORT. INHALATION OF SPRAY MIST MAY CAUSE IRRITATION. INGESTION CAN CAUSE DIARRHEA, NAUSEA AND SEVERE GI DISTURBANCES AND VOMITING.

Chronic: (Long Term Exposure)

LONG-TERM MISUSE RESULTING FROM AIRBORNE CONCENTRATIONS OF MIST OR SPRAY MAY CAUSE DAMAGE TO UPPER RESPIRATORY TRACT. CHRONIC EFFECTS MAY RESULT IN IRRITATION OF SKIN TISSUE AND DERMATITIS. CHRONIC EYE EXPOSURE CAN LEAD TO IRRITATION.

Primary Routes of Entry

<input type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion	<input checked="" type="checkbox"/> Absorption
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Emergency First Aid Procedures:

Inhalation:

TYPICALLY NOT A HAZARD, BUT GET TO FRESH AIR AND TREAT SYMPTOMATICALLY.

MATERIAL SAFETY DATA SHEET: FERROIN INDICATOR

Section XII - References

1. VENDOR'S MSDS.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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