



MATERIAL SAFETY DATA SHEET

Five Iron 25-3-10 plus 5% FE

I. NAME

PRODUCT/TRADE NAME: FIVE IRON 25-3-10 PLUS 5% FE
 EPA REGISTRATION #: NONE
 CHEMICAL NAME/Common Name:
 Potassium Chloride/Muriate of Potash
 Urea/Urea
 Ammonium Sulfate/Ammonium Sulfate
 Monoammonium Phosphate/Monoammonium Phosphate
 Iron Oxide, Saccharated/Iron Sulfate

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Potassium Chloride	7447-40-7	NE	NE
Urea	57-13-6	NE	NE
Ammonium Sulfate	7783-20-2	NE	NE
Monoammonium Phosphate	7722-76-1	NE	NE
Iron oxide, saccharated	8047-67-4	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): NE
 MELTING POINT: NA
 VAPOR DENSITY (AIR = 1): NE
 % VOLATILES BY VOL.: NA
 ODOR: None
 APPEARANCE: Granules
 FLASH POINT/METHOD: NA
 VAPOR PRESSURE (mmHg): NA
 SOLUBILITY IN H₂O: Soluble

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO₂ Dry Chemical Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Do not breathe smoke or spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type: Iron Sulfate

VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
 AVOID: Bases, acids, oxidizers
 HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, Cl

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Sweep or vacuum into disposal container.

DECONTAMINATION: Treat spill area with detergent and water. Repeat as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Dispose of in accordance with Federal, state and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD₅₀ (guinea pig) 2500 mg/kg (RTECS*). Do not ingest. Wash thoroughly before eating, drinking or smoking.

INHALATION: No PEL/TLV established for this product. May be irritating to the respiratory tract. Wear proper respiratory protection for the exposures encountered.

SKIN ABSORPTION: Can cause minor skin irritation. Wear proper personal protective equipment to reduce skin exposure.

EYE EXPOSURE: May cause minor eye irritation. If exposed, flush eyes a minimum of 15 minutes with water. Wear proper eye protection to reduce exposure.

EFFECTS OF OVEREXPOSURE: Large doses can cause GI tract irritation, diarrhea, weakness, circulatory problems and blood pressure changes. Chronic exposure

can cause pneumoconiosis. Pre-existing medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate a minimum of 15 minutes with water. For inhalation, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear only NIOSH/MSHA - approved respiratory protection for nuisance particulates up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposures above the nuisance particulate PEL/TLV.

PERSONAL PROTECTIVE EQUIPMENT: Work gloves, safety goggles or glasses with side shields and brow protection.

VENTILATION: General ventilation to control nuisance dust.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children.

Read and follow all label instructions.

Moist material may be corrosive to carbon steel.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical:

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical:

RQ:

RCRA: Yes No

NFPA HAZARD RATING:

Health: [1]

Fire: [1]

Reactivity: [0]

Special: []

HMIS CODES:

Health: [1]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

DATE PREPARED: October 3, 2001

REVISED DATE: June 25, 2012

Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300



PO BOX 1286 • FRESNO CA 93715