

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

GUARANTEED BY:

Turf Trade
517 Franklinville Rd.
Mullica Hill, NJ 08062
856.478.6704

PRODUCT NAME: Octane Fe
CHEMICAL NAME: Inorganic/Organic Chemical Fertilizer Mixture
CHEMICAL FAMILY: Mixed liquid blended fertilizer

Date of Issue: 5/19/2022

2. HAZARDS IDENTIFICATION SUMMARY

Hazard Classification: Skin irritant, Category 2
Eye irritant, Category 2A

Signal Word: "WARNING"

Hazard Statements:

H315-Causes skin irritation
H320-Causes eye irritation
H335-May cause respiratory irritation
H333-May be harmful if inhaled
H303-May be harmful if swallowed

Precautionary Statements:

PREVENTION:

P260-Do not breathe mist/vapors/spray
P264-Wash thoroughly after handling
P270-Do not eat, drink, or smoke when using this product
P271-Use only outdoors in a well-ventilated area
P273-Avoid release to the environment
P280-Wear protective gloves / eye protection / face protection

RESPONSE:

P301+P312- If swallowed, call a POISON CENTER or doctor if you feel unwell
P330-Rinse mouth
P302+P352-IF ON SKIN wash with plenty of soap and water
P305+P351+P338-IN IN EYES rinse cautiously with water for 20 minutes, remove contact lenses and continue rinsing
P337+P313-If eye irritation persists, get medical advice / attention
P362+P364-Take off contaminated clothing

STORAGE and DISPOSAL:

P403+P233-Store in a well-ventilated place. Keep container tightly closed.
P501-Dispose of container in accordance with local regulations



3. COMPOSITION & INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage of Weight:</u>	<u>CAS No.</u>
Water	Balance	7732-18-5
Iron Glucoheptonate	41.7%	25126-38-9
Proprietary Additives	Trade Secret	Mixture

4. FIRST AID MEASURES

- If in eyes:** Flush eyes with clean running water for at least 15 minutes. If irritation persists, get medical attention.
- If on skin:** Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, or if rash develops, get medical attention.
- If swallowed:** If conscious, drink 1 or 2 glasses of water. Get medical attention. Never induce vomiting or give anything by mouth to an unconscious person.
- If inhaled:** Remove to fresh air. If irritation persists, get medical attention.

5. FIRE FIGHTING MEASURES

- FLASH POINT (°F/Test Method):** >200°F
- AUTOIGNITION TEMPERATURE:** Not applicable
- EXTINGUISHING MEDIA:** Use medium appropriate to surrounding fire. Dry chemical, carbon dioxide, foam, water spray or fog.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Absorb and sweep up spills immediately and transfer to suitable containers for possible land application according to label use or disposal. Check local, state and federal regulations for proper disposal.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

- HANDLING:** No special requirements
- STORAGE:** Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed, food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- ENGINEERING CONTROLS:** Not normally required.
- RESPIRATORY PROTECTION:** Not normally required.
- EYE PROTECTION:** Chemical goggles or shielded safety glasses.
- SKIN PROTECTION:** Wear protective clothing: long-sleeved shirts and pants, hat, rubber boots with socks. Wear rubber or chemical-resistant gloves.
- OSHA PEL 8 hr TWA**
- ACGIH TLV-TWA** No listings

9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE:** Clear brown liquid
- SOLUBILITY:** Soluble in water
- pH:** 3.0 – 3.5
- SPECIFIC GRAVITY (Water = 1):** 1.34
- VAPOR PRESSURE:** Not established
- PERCENT VOLATILE (by volume):** Not applicable
- BULK DENSITY:** 11.2 lbs / gallon
- BOILING POINT:** Not established
- EVAPORATION DATE:** Not established

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

- STABILITY:** Stable
- INCOMPATIBILITY:** Not established
- HAZARDOUS POLYMERIZATION:** Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): Not established
Eye Irritation (rabbit): Not established
Inhalation LC₅₀ (rat): Not established
Carcinogenic Potential: None listed in OSHA, NTP, IARC, or ACGIH
Acute Dermal LD₅₀ (rabbit): Not Established
Skin Irritation (rabbit): Not established
Skin Sensitization (guinea pig): Not established

12. ECOLOGICAL INFORMATION

Drift or runoff may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment wash water. Do not apply when weather conditions favor drift from target area.

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Rinse container thoroughly, adding rinsate to mixing tank. Then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by State and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Avoid contaminating water by disposal of equipment wash waters or other product wastes.

14. TRANSPORT INFORMATION

US DOT: Not regulated by USDOT.
IATA: Not regulated
IMO/IMDG: Not regulated
Marine Pollutant: No

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:	NFPA		HMIS
	1 Health	0 Least	1 Health
	0 Flammability	1 Slight	0 Flammability
	0 Instability	2 Moderate	0 Reactivity
		3 High	H PPE
		4 Severe	

SARA Hazard Notification/Reporting
SARA Title III Hazard Category: Immediate Y Fire N Sudden Release of Pressure N
Delayed N Reactive N

Reportable Quantity (RQ) under U.S. CERCLA: Not listed
SARA, Title III, Section 313: Not listed
RCRA Waste Code: Not listed

16. OTHER

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