MATERIAL SAFETY DATA SHEET

MANUFACTURED FOR :
Advanced Turf Solutions
12840 Ford Dr.
Fishers, IN 46038
Phone: (877) 433-7037

1. PRODUCT IDENTIFICATION

PRODUCT TRADE NAME: Foliar Pak Fe 6 / Plus 2% Mn with Non-Ionic Surfactant
CHEMICAL FAMILY: **Liquid Nitrogenous Fertilizer**
FORMULA: N/A
SYNONYMS: 10-0-0-6Fe
CAS NUMBER: NA, Formulated Mixture.
EPA NUMBER: None required.

DATE PREPARED: February 27, 2009

National Fire Protection Association Rating
Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minium

Health	1
Flammability	0
Reactivity	0

2. INGREDIENTS AND HAZARDS

HAZARD CLASSIFICATION: IRRITANT

HAZARDOUS INGREDIENTS	CAS #	LIMITS
None		

3. PHYSICAL DATA

APPEARANCE: Green Liquid
ODOR: Bland
SPECIFIC GRAVITY: 1.33
BOILING POINT: N/A
FREEZING POINT:

BULK DENSITY: N/A
SOLUBILITY IN WATER: 100%
pH: 2.2
VOLATILES: None

NA = NOT APPLICABLE

4. FIRE AND EXPLOSION DATA

FLASH POINT, F, COC: None
FLAMMABLE LIMITS: N/A
AUTO IGNITION TEMPERATURE: N/A
EXTINGUISHING MEDIA: water and/or carbon dioxide.
FIRE & EXPLOSION HAZARD: Firefighters should use self-container breathing apparatus to avoid exposure to smoke and vapor..
FIRE & EXPLOSION HAZARD: None known.
SPECIAL PROCEDURES: None known.

5. REACTIVITY DATA

STABILITY: Product is stable.
INCOMPATIBILITY:
DECOMPOSITION PRODUCTS: Ammonia and sulfur gases may occur under fire conditions.
HAZARDOUS POLYMERIZATION: Will not occur.

6. HEALTH HAZARD DATA

ROUTES OF EXPOSURE: Ingestion, eyes, and skin.

SYMPTOMS

INGESTION: May cause gastric distress as evidences by nausea and diarrhea.
EYES: May cause pain, excessive watering, redness and stinging.
SKIN : Prolonged exposure or repeated exposures may cause skin irritation and drying.

FIRST AID

EYES: Irrigate immediately with water for at least 5 minutes. Consult physician if irritation persists.
SKIN: Wash off in flowing water or shower.
INGESTION: No adverse effect anticipated by this route of exposure incidental to proper industrial handling. For accidental ingestion of copious quantities by children, or appearance of systems noted in Section VI, contact a physician prior to taking any medical action.
NOTE TO CARE AID ATTENDANTS: Provide supportive care, consult and have available MSDS sheet and make said information known and available to attending medical support personnel.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

ACTION TO TAKE FOR SPILLS/LEAKS: Contain spills by diking with dirt, sand or other absorbent material. Rope off area to prevent inadvertent spread of spill. Place leaking containers in overpak containers or transfer material to clearly marked new containers. Upon discovery of leak or spillage, notify proper supervisory personnel and if situation warrants, notify the proper Local or State hazardous waste response units prior to taking any action other than initial emergency response. All materials used to absorb leak or spill should be handled and disposed of in accordance to Local, State and Federal environment laws. Workers performing clean-up duties should be made aware of any potential health hazards and must wear the correct protective clothing and devices needed to perform the duties in a safe proper manner.
PRODUCT DISPOSAL: Excess product that cannot be used without violating label instructions must be disposed of in a manner that is in full compliance of Local, State and Federal laws.
CONTAINER DISPOSAL: Check with Local and State authorities for proper disposal prior to offering for recycling, incineration or sanitary land fill. Containers sent to local land fills should be triple rinsed, punctured and crushed prior to disposal.
HANDLING & STORAGE: Material may settle on storage. Product can be brought back into solution with shaking or the addition of water. Color of material may cause temporary staining if spilled, dropped, or improperly applied.

8. CONTROL MEASURES

RESPIRATORY PROTECTION:	Not required
VENTILATION:	No special requirements
PROTECTIVE GLOVES:	Chemical resistant rubber gloves
EYE PROTECTION:	Chemical protective eye wear.
WORK/HYGIENIC PRACTICES:	Avoid contact with eyes, skin, clothing. Wash thoroughly after handling.

9. REGULATORY STATUS

This product does not contain material regulated under SARA Title 3 Section 313