



Material Safety Data Sheet

IronTech™ 4% Iron +micros

SECTION 1

COMPANY IDENTIFICATION

Manufactured for Gemstarr Corporation,
 PO BOX 117, Albion, Idaho, 83311
 08:00–17:00 MST, Mon-Fri: **1.208.673.6345**
 EMERGENCY NUMBER: After hours, holiday's, and
 all other non business hours; call poison control
 1.800.222.1222

PRODUCT IDENTIFICATION

GEMSTARR ID #: **450**
 COMMON NAME: IronTech™
 CHEMICAL DESCRIPTION: Nitrogen and Iron
 CHEMICAL ACTIVITY: Fe 4%, Mn 1%, Zn 1%, Cu 0.2%,
 B 0.2%

SECTION 2

HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

INGREDIENTS / HAZARDOUS
 COMPONENTS: (Specific Chemical Identity;
 OSHA PEL ACGIH TLV C.A.S. NO. SARA
 Common Name) (Mg/M3) (Mg/M3) %
 Iron Sulphate# **7720787**

SECTION 3

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: > H₂O
 SPECIFIC GRAVITY: (H₂O=1) **1.43**
 VAPOR PRESSURE: (MM HG) **N/A**
 VAPOR DENSITY: (AIR=1) **N/A**
 MELTING POINT: **N/A**
 EVAPORATION RATE: < H₂O
 pH: **2.7**
 (BUTYL ACETATE=1) **N/A**
 APPEARANCE AND ODOR:
Dark Green, slight odor

SECTION 4

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD): FLAMMABLE
 LIMITS: LEL **N/A** UEL **N/A**
 EXTINGUISHING MEDIA: **Water**
 SPECIAL FIREFIGHTING PROCEDURES:
N/A
 UNUSUAL FIRE & EXPLOSION HAZARDS:
N/A

SECTION 5

REACTIVITY DATA

STABILITY: **Stable**
 CONDITIONS TO AVOID: **N/A**
 INCOMPATIBILITY (MATERIALS TO
 AVOID): **N/A**
 HAZARD DECOMPOSITION OR BY-
 PRODUCTS: **N/A**
 HAZARD POLYMERIZATION: **May Not
Occur**
 CONDITIONS TO AVOID: **N/A**

SECTION 6

HEALTH HAZARD DATA

PRODUCT: IronTech™
 TOXICITY: None Found
 ROUTES (S) OF ENTRY: [Skin] [Ingestion]
 CARCINOGENICITY: NTP: No
 IARC Monographs: No
 OSHA Regulated: No
 HEALTH HAZARDS (ACUTE & CHRONIC) /
 SIGNS & SYMPTOMS OF EXPOSURE:
 This product may cause eye and skin
 irritation (See Emergency and First Aid
 Procedures).
 EMERGENCY AND FIRST AID
 PROCEDURES:
Eyes: Immediately flush eyes with plenty of
 water for at least 15 minutes. Call a
 Physician.
Skin: Wash contaminated areas with plenty
 of water for 15 minutes. Remove
 contaminated clothing and footwear and
 wash clothing before reuse. If skin irritation
 continues consult a physician.
Ingestion: Do not give anything by mouth to
 an unconscious person. If swallowed do not
 induce vomiting, give one or two glasses of
 milk or water. Contact physician
 immediately.

SECTION 7

PRECAUTION FOR SAFE HANDLING AND USE

FOR SAFE HANDLING AND USE
 STEPS TO BE TAKEN IN CASE MATERIAL
 IS RELEASED OR SPILLED: Absorb liquid
 spills with a dry absorbent, containerize
 usable material for disposal in an approved
 waste facility.
 WASTE DISPOSAL METHOD: Dispose in
 closed containers, at an approved landfill, in
 accordance with local, state and federal
 regulations. Material may also be flushed
 with water to a wastewater treatment
 system.
 PRECAUTIONS TO BE TAKEN IN
 HANDLING AND STORING: Store in
 enclosed containers.
 OTHER PRECAUTIONS: Avoid ingestion,
 contact with eyes, skin and clothing.

SECTION 8

CONTROL MEASURES

RESPIRATORY PROTECTION:
 NIOSH/MSHA approved for mists. Use with
 adequate ventilation and employ respiratory
 protection when exposure to mist and spray
 is possible.
 VENTILATION: **N/A** (Have adequate
 ventilation)
 PROTECTIVE GLOVES: Impervious gloves.
 EYE PROTECTION: Side shield safety
 glasses or goggles.
 OTHER PROTECTIVE CLOTHING AND
 EQUIPMENT: Protective clothing to
 minimize skin contact should be worn. Wear
 chemically resistant safety shoes. Wash
 contaminated clothing with soap and water
 and dry before reuse. Safety showers and
 eye wash facilities should be provided in all
 areas in which this product is handled.
 WORK/HYGIENIC PRACTICES: Good
 housekeeping procedures should be
 followed to minimize exposure.

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