

Iron Master™

MATERIAL SAFETY DATA SHEET



SECTION I – CHEMICAL IDENTIFICATION

Product Name: Iron Master 15-0-0
Common Name: Fertilizer EPA Reg. No. – None

Manufacturer: PlantWise Biostimulant Co.
Emergency Telephone Number: 800 334-4962
Information Telephone Number: 800-334-4962
Date Prepared: June 1998

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CA8 NUMBER	HAZARDOUS COMPONENT	svs- SARA N N Y Y	OTHER LIMITS NTP IARC PARTIZ 313 09WPELICOIH TLV RECOMMENDED PERCENT
766(-93-9)	Sulfuric Acid	N N Y Y	1mg/m3 1 mg/m3 1.70

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT 250°F SPECIFIC GRAVITY H20.1 1.36000
VAPOR PRESSURE (nan Hg.) c17 a as C MELTING POINT NI
VAPOR DENSITY (AIR+1) >1 EVAPORATION RATE (Butyl Acetate=1) <1
SOLUBILITY IN WATER: Infinitely Soluble.
APPEARANCE AND ODOR: Green liquid: no discernible odor.

OTHER INFORMATION:

pH: <2.4
Viscosity: >1 cp at 25° C.
% Volatile by volume: 50

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NI FLAMMABLE LIMITS: LEL:NI UEL: NI
EXTINGUISHING MEDIA: This product will not support combustion. Foam, CO2, dry chemical, or water may be used on a fire in the same area as this product.

SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE FIGHTING PROCEDURES: None

SECTION V – REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): Contact with strong bases may ruin this product.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NI
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: Contact, inhalation, ingestion.
HEALTH HAZARDS (ACUTE AND CHRONIC):
EYES: May cause irritation and burns to the eyes.
SKIN: Contact may cause irritation.
INHALATION: May irritate respiratory tract.
INGESTION: May irritate gastrointestinal tract. May be harmful if swallowed.
SIGNS AND SYMPTOMS OF EXPOSURE: NI
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NI
EMERGENCY AND FIRST AID PROCEDURES:
EYES: Flush eyes with large quantities of clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.
SKIN: Bathe and shampoo with soap and water to remove chemical from skin and hair. If irritation persists, seek medical attention: Launder contaminated clothing separately, prior to reuse.

SECTION VII – HEALTH HAZARD DATA (Cent.)

INHALATION: Remove victim to fresh air. Apply artificial respiration if needed. Seek medical attention.
INGESTION: Do not induce vomiting. Call a physician or Poison Control Center.
OTHER HEALTH WARNINGS: NI

SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear protective clothing, gloves, goggles, and (if exposure may exceed recommended levels) self-contained breathing apparatus. Contain spill with an absorbent and collect into drums for proper disposal. Cover and label the drums. Flush area with water, if possible.

WASTE DISPOSAL METHOD: Dispose of drum, waste water, and other waste according to local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in original container in a locked area inaccessible to children and pets. Avoid storage at temperatures of 110°F or higher. Keep from freezing.

Corrosive to steel, aluminum, brass. Use with stainless steel or PVC fittings.

Product may stain unfinished wood, painted surfaces or concrete.

Do not reuse container. Rinse thoroughly before discarding.

OTHER PRECAUTIONS: NI

SECTION IX – CONTROL MEASURES

VENTILATION REQUIREMENTS: Good local ventilation

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Dust/mist mask, NIOSH/MSNA No. TC-21C

PROTECTIVE CLOTHING: Long sleeves and pants, chemical-resistant gloves and shoes.

EYE PROTECTION: Safety glasses or goggles.

SECTION X – ADDITIONAL INFORMATION

ADDITIONAL MANUFACTURER WARNINGS:

TSCA Status Exempt

Recommended Hazard Summary (Defined by 29 CFR 1910.1100):

Immediate Health Hazard

NOTE: NI means not indicated.

OTHER PRECAUTIONS AND COMMENTS:

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. This document is offered in good faith. The information relates to the specific material designated, and may not be valid for such material used in combination with any other materials, in any process, or if used in a manner other than for which it is intended. User assumes all risks and responsibilities, including, but not limited to, satisfying himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state, or provincial, and local laws.