

MATERIAL SAFETY DATA SHEET (IRON CHELATE 8%)

SECTION 1)

CHEMICAL NAME: Iron glucoheptonate.

ACTIVITY: 8% iron

PRODUCT NAME: IRON CHELATE 8%

FORMULATED By: AGSCITECH Inc.

ADDRESS: 365 NORTH 600 WEST
LOGAN, UT 84321

Emergency Phone Number 1-435-757-7585

Product Use WATER SOLUBLE FERTILIZER FOR PLANTS

SECTION 2) HAZARDOUS INGREDIENTS

Hazardous Ingredients: (Specific Chemical Identity; OSHA PEL ACGIH TLV C

common name	C.A.S. / N.A. / UN No.	%	LD ₅₀
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SECTION 3) PHYSICAL/CHEMICAL DATA

Physical State: Odor and Appearance:

LIQUID Dark Green color.

Odor Threshold: NA Specific gravity: 1.245

Vapor Pressure: ND Vapor Density: ND

Evaporation Rate: ND Boiling Point: NA

Freezing Point: NA Density: ND

pH: (10% SOLUTION) 6+/- 0.5

SECTION 4) FIRE AND EXPLOSION HAZARD

Flammability: NON-FLAMMABLE

Means of Extinction:

USE FLOODING QUANTITIES OF WATER. DO NOT USE WATER JET. WEAR FULL PROTECTIVE CLOTHING IF PRODUCT IS INVOLVED IN A FIRE.

Flashpoint: NA UEL: NA LEL: NA

Auto-ignition Temperature: ND TDG Flammability Class: NON-FLAMMABLE

Hazardous Combustion Products:

N/A

SECTION 5) REACTIVITY DATA

Chemical Stability: STABLE

Incompatibility: None known

Conditions of Reactivity: N/A

Hazardous Decomposition Products: Oxides of nitrogen, carbon dioxide, carbon monoxide

SECTION 6) HEALTH HAZARD DATA

TOXICOLOGICAL PROPERTIES

Route of Entry: Effects of Acute or Chronic Exposure:

SKIN CONTACT - IRRITATION COULD OCCUR WITH PROLONGED EXPOSURE TO DRY MATERIAL OR SOLUTION.

SKIN ABSORPTION - NOT KNOWN TO BE ABSORBED THROUGH THE SKIN.

EYE CONTACT - IRRITATION COULD OCCUR IF SOLUTION IS SPLASHED IN EYES.

INHALATION - VERY LOW VAPOR ACTIVITY. IF HEATED COULD RELEASE AMMONIA GAS. CAN CAUSE RESPIRATORY TRACT IRRITATION.

INGESTION - EXCESSIVE INGESTION MUST OCCUR BEFORE ANY HEALTH HAZARD RESULTS. EFFECTS OF OVEREXPOSURE MAY INCLUDE NAUSEA, VOMITING, DIARRHEA, WEAKNESS OR CONVULSIONS.

Exposure Limits: Synergistic Products:

ND

ND

Sensitization / Irritancy:

ND

Carcinogenicity / Teratogenicity / Mutagenicity / Reproductive Effects:

NONE KNOWN

SECTION 7) PRECAUTION FOR SAFE HANDLING AND USE

Personal Protective Equipment:

RESPIRATORY - RESPIRATORY PROTECTION: NIOSH/MSHA APPROVED FOR MISTS WHILE MIXING OR SPRAYING. USE WITH ADEQUATE VENTILATION.

EYES - WEAR SAFETY GLASSES TO AVOID EYE CONTACT. DO NOT WEAR CONTACT LENSES.

GLOVES - WEAR IMPERMEABLE GLOVES TO AVOID SKIN CONTACT.

Engineering Controls:

VENTILATE.

Leak or Spill Procedure:

CONTAIN THE SPILL. COLLECT LIQUID OR SOLIDIFY WITH ABSORBENT MATERIAL AND DISPOSE OF IN APPROVED MANNER. PREVENT ENTRY INTO WATERWAYS.

Disposal:

DISPOSE OF IN NON CROP AREAS AWAY FROM WATERWAYS, IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS.

Handling Procedures and Equipment:

AVOID DIRECT AND PROLONGED CONTACT WITH SKIN.

Storage Requirements:

KEEP OUT OF REACH OF CHILDREN. STORE IN A COOL, DRY PLACE.

Shipping Information:

NOT REGULATED.

SECTION 8: FIRST AID MEASURES:

SKIN - WASH WITH SOAP AND WATER. FLUSH AFFECTED AREAS WITH LARGE AMOUNT OF COLD WATER.

EYES - FLUSH IMMEDIATELY WITH LARGE AMOUNT OF WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. SEEK ATTENTION IF IRRITATION PERSISTS.

INHALATION - NOT EXPECTED TO BE HARMFUL UNDER NORMAL CONDITIONS OF USE, HOWEVER IF ALLOWED TO BECOME AIRBORNE MAY CAUSE IRRITATION OF NOSE, THROAT AND LUNGS.

INGESTION - FOR LARGE AMOUNTS SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION 9: ADDITIONAL INFORMATION:

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TECHNICAL

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April 2014