



SAFETY DATA SHEET
SDS

I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled) **JUMP START**

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NAME OF PREPARER H. Langheim

II – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE – Dark brown liquid

ODOR - Odorless

POTENTIAL HEALTH EFFECTS

EYES - **H319** May cause irritation to eyes.

SKIN - **H317** Repeated contact may cause slight irritation. Won’t be absorb through skin.

SWALLOWED – **H336** Possible abdominal pain, diarrhea, diuresis, and nausea.

CARCINOGENICITY – No component of this product is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, OSHA, NTP

SIGNAL WORD – No signal word

PRECAUTIONARY STATEMENTS –

P102 – KEEP OUT OF REACH OF CHILDREN

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P302 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P310 IF IN EYES: Rinse with water for 15 minutes. Remove contact lenses. Hold eye lids apart while flushing.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 Take off contaminated clothing and wash before reuse.

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III – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS No.	%
Kelp Meal	N/A	Trade secret
Barley Meal	N/A	Trade secret
Alfalfa Meal	84082-36-0	Trade secret
Iron EDTA	15708-41-5	Trade secret
Zinc EDTA	14025-21-9	Trade secret

IV – FIRST AID MEASURES

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.

EYE CONTACT – Wash thoroughly with water for at least 15 minutes. Remove contact lenses. Hold eyelids apart during flushing.

SKIN CONTACT – Remove contaminated clothing and shoes, wash contaminated area with water and soap.

INHALED – Remove from exposure to fresh air.

SWALLOWED – Rinse mouth. Drink 2-3 glasses of water and seek medical assistance. Do not induce vomiting or give anything by mouth to an unconscious person.

V – FIRE-FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURE – Must wear MSHA/NIOSH approved self-contained breathing Apparatus. Use abundant amount of water in early stage of fire.

UNUSUAL FIRE & EXPLOSION HAZARD – None-known

FLAMMABLE PROPERTIES – Non-flammable

SUITABLE EXTINGUISH MEDIA – Water

EXPLOSION POTENTIAL – Non-explosive

HAZARDOUS COMBUSTION PRODUCTS – None-known

VI - ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE PROCEDURE (Include employee protection measures) - Apply as fertilizer to field, or dilute with sufficient water and drain into the sewer with abundant amount of water. Wear personal protective equipment.

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VII - HANDLING AND STORAGE

To maintain product quality, do not store in heat or direct sunlight. Use good housekeeping practices such as washing hands with soap after handling. Keep out of reach of children and pets. Do not reuse empty containers.

VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION & ENGINEERING CONTROLS – Local exhaust.

RESPIRATORY PROTECTION – MSHA/NIOSH approved respirator is advised where mist is generated

EYE PROTECTION – Safety glasses or goggles where there is a potential eye contact.

SKIN PROTECTION – Wear protective work gown, rubber or plastic gloves to prevent irritation.

IX - PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE – Dark brown liquid

ODOR – Slight earthy odor

BOILING POINT OR RANGE °F – N/A

MELTING POINT OR RANGE °F – N/A

FLAMMABILITY – Non-flammable

EXPOLOSIVE PROPERTIES – Non-explosive

pH – 4 – 4.5

SPECIFIC GRAVITY – 1.09 g/cm³ (9.1 lbs. / gal.)

DECOMPOSITION TEMPERATURE – N/A

SOLUBILITY IN WATER – Infinite

X - STABILITY AND REACTIVITY

STABILITY – Stable under normal conditions of use

CONDITIONS TO AVOID – N/A

INCOMPATIBILITY – N/A

HAZARDOUS DECOMPOSITION PRODUCTS – None known

HAZARDOUS POLYMERIZATION – Will not occur

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XI – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

SKIN – Repeated contact may cause slight skin irritation. Won't be absorb through skin.

EYE – Repeated contact may cause redness and slight irritation.

INHALED – Vapors can cause irritation of mucus membrane.

SWALLOWED – Possible abdominal pain and nausea.

CHRONICAL TOXICITY

REPRODUCTIVE EFFECTS – None known

CARCINOGENICITY – This products does not contain any substances that are considered carcinogens by OSHA, NTP, IARC or ACGIH

SENSITIZATION – none

XII – ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS

PERSISTENCE AND DEGRADABILITY – Inherently biodegradable, non-persistence.

AQUATIC TOXICITY – May be beneficial to plant life.

ADDITIONAL ECOLOGICAL INFO – Do not use directly in lakes, ponds and rivers

XIII – DISPOSAL CONSIDERATIONS

Dispose of within current local and state regulations. No special method required. Do not reuse empty containers. Once empty, put in recycling if available, or put in trash.

XIV – TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION - Not regulated by DOT.

XV - REGULATORY INFORMATION

TSCA STATUS – Not determined

OSHA STATUS – Not listed as hazardous

CERCLA – None

SARA TITLE III, Section 313 Toxic Chemicals – None

CALIFORNIA PROPOSITION 65 – Not listed

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XVI - OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (USA)

NFPA

Health	1
Flammability	0
Physical hazards	0

Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

Disclaimer

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