



SAFETY DATA SHEET

SDS

I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled) **HUMIC ACID 4%**

MANUFACTURER'S NAME GROW MORE, INC.
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NAME OF PREPARER H. Langheim

II – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE – Dark brown liquid

ODOR - None

POTENTIAL HEALTH EFFECTS

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

SKIN - **H317** Repeated contact may cause slight irritation.

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 – WARNING!

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.

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

P362 Take off contaminated clothing and wash before reuse.

H320 – Causes eye irritation

H313 – May be harmful in contact with skin

H302 – Harmful if swallowed

III – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS No.	%
Humic Acid (Leonardite)	1415-93-6	Trade secret
Potassium Hydroxide	1310-58-3	Trade secret

IV – FIRST AID MEASURES

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

SKIN CONTACT – Wipe excess material with dry cloth, removing contaminated clothing and shoes with large amounts of water and soap for at least 15 minutes.

INHALED – Remove from exposure to fresh air. Get medical attention if symptoms occur.

SWALLOWED – Rinse mouth. Drink 2-3 glasses of water and seek medical assistance. Do induce vomiting if person is conscious. Do not give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

EFFECTS OF OVEREXPOSURE – Can cause respiratory tract and eye irritation. Ingestion could cause corrosive deterioration of digestive system tissue and ingestion of large amounts may result in vomiting and diarrhea and excessive fluid loss. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

V – FIRE-FIGHTING MEASURES

FIREFIGHTING PROCEDURE – Must wear MSHA/NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARD – None

FLASH POINT – N/A

FLAMMABLE LIMITS – N/A

AUTOIGNITION TEMPERATURE – Product is not self-igniting.

SUITABLE FIREFIGHTING MEDIA – Water fog. Fine sand. Larger fires use water spray or alcohol resistant foam.

VI – ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE PROCEDURE – Caution! Floors might be slippery. Absorb with inert material and vacuum or sweep into disposal container. Dike to prevent entering drains, sewers or water courses.

DISPOSAL – Dispose of in accordance with Federal, State and local regulations.

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. Do not eat, drink or smoke while handling this product. Keep out of reach of children and pets. Do not reuse empty containers. Do not store in aluminum containers.

VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION & ENGINEERING CONTROLS– Local exhaust.

RESPIRATORY PROTECTION – Where mist is generated by the process, MSHA/NIOSH approved respirator is advised in the absence of proper environmental control.

EYE PROTECTION – Safety glasses or face shield where there is a potential eye contact. Safety eyewash station should be accessible within 10 seconds.

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

IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE – Dark brown liquid

ODOR – None

BOILING POINT OR RANGE °F – 212 °F

MELTING POINT OR RANGE °F – None-known

FLAMMABILITY – Non-flammable

EXPLOSIVE PROPERTIES – Non-explosive

pH – 11 – 12

DENSITY – 8.53 lbs./gal.

X – STABILITY AND REACTIVITY

STABILITY – Stable under normal conditions of use

CONDITIONS TO AVOID – N/A

HAZARDOUS DECOMPOSITION PRODUCTS – Oxides of Carbon, Potassium, Silicon and Sodium.

HAZARDOUS POLYMERIZATION – Will not occur

XI – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

SKIN IRRITATION – May cause slight, temporary irritation.

EYE IRRITATION – May cause slight, temporary irritation.

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

SENSITIZATION – None

CHRONIC TOXICITY – None known

REPRODUCTIVE EFFECT – None known

XII – ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY – None known

AQUATIC TOXICITY – Might be beneficial to plant life.

ADDITIONAL ECOLOGICAL INFO – Do not use directly in lakes, ponds and rivers. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

XIII – DISPOSAL CONSIDERATIONS

Dispose of within current local and state regulations. No special method required.

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 313 – No chemical

SARA 302 – None

CALIFORNIA PROPOSITION 65 – Not listed

XVI – OTHER INFORMATION**HAZARDOUS MATERIAL INFORMATION SYSTEM (USA)**

NFPA

Health	2
Flammability	0
Reactivity	0
Special	0

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

Disclaimer

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