



GrowMate Plant

JDMV HOLDINGS LP

PH: (281) 866-9042

Effective Date: 20-Jan-2012

Product: GrowMate Plant

I. IDENTIFICATION

Chemical Origin – Organic humate extract
Formula – Not applicable, formulated mixture
Synonyms – None
CAS Number – Not applicable, formulated mixture.
EPA Number – None required

II. PHYSICAL DATA

Boiling Point – > 100 Degrees C.
Freezing Point – < 20 Degrees F.
Spec Gravity – 1.019 gms/CC.
Vapor Pressure – 570 mm/HG
Vapor Density – Note determined
Solubility – 99%
Volatiles – 0.50%
Evaporation – Not applicable
Melting Point – Not applicable
Appearance – Dark color, liquid, no appreciable odor.

III. INGREDIENTS:

Material – Organic Humus (Fulvic) – Leonardite;
Mono-ammonium Phosphate; Potassium Sulfate; Zinc
Sulfate

IV. FIRE AND EXPLOSION HAZARD

Flash Point – Non combustible
Auto-ignition Temp – Not Applicable
Flammable Limit – Not applicable
Extinguishing Media – Non-combustible liquid. Use extinguishing media for underlying cause of fire.
Special Fire Fighting Procedures – Wear self-contained breathing apparatus and full protective equipment. Use water spray to keep fire-exposed containers cool.

V. HEALTH HAZARD

Carcinogen Information – Not listed by OSHA, NTP or IARC – None currently known.
Actual Effects Of Over Exposure Swallowing – Possible stomach disorders if taken orally. No Oral LD50 has been established.
Skin Contact – This product may cause eye irritation.
Skin Absorption – None currently known. No Dermal LD50 has been established.
Inhalation – If in mist form may cause slight irritation. No Inhalation LC50 has been detected.
Chronic Effects – None currently known
Other Hazard – None currently known

EMERGENCY AND FIRST AID PROCEDURES

Swallowing – If conscious, give milk or water to drink and induce vomiting. Obtain medical attention if irritation develops.
Skin – Wash skin thoroughly with soap and water. Obtain medical attention if irritation develops.
Inhalation – Move to fresh air. Obtain medical attention if irritation develops.
Eyes – Flush eyes with water for 15 minutes, holding eyelids open. Obtain medical attention if irritation develops
Note to Physician – In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability – Stable
Conditions to Avoid – None currently known
Polymerization – will not occur
Incompatibility material – Neutralization reaction will occur if exposed to basic materials.
Hazardous Combustion – At extreme temperatures, CO and oxidation product may be evolved.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Procedure – Contain products. Reuse material if uncontaminated. If contaminated, absorb material with an absorbent, such as clay or sand, and place in suitable container for proper disposal. Do not contaminate water supply.
Waste Disposal Method – This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration – None needed under normal conditions.
Ventilation – Local exhaust sufficient
Gloves – Rubber or plastic
Eyes – Chemical goggles
Other – Eyewash, shower, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution – Keep out of reach of children. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds.
Other precaution – This product does not contain any chemical subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

X. SHIPPING INFORMATION

Shipping name – Not regulated by DOT, ISTA (air), or IMDG (water).
Hazard Class – None
Identification Number – None
Labels Required – None required
Placarding – None required
Freight Class – Compound, Fertilizer, Liquid, NOIBN
Chemical Name – Not Applicable
Equivalent R.Q. – Not Applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating –
(Rating level: 4-Extreme, 3-high, 2-moderate, 1-Slight, 0-Minimum)
Health – 1
Fire – 0
Reactivity – 0
S.A.R.A. Title III Hazard Classification – (Yes/No)
Immediate (Acute) Health – Y
Delayed (Chronic) Health – N
Sudden Release of pressure – N
Fire – N
Reactive – N

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GrowMate Soil

JDMV HOLDINGS LP

PH: (281) 866-9042

Effective Date: 20-Jan-2012

Product: GrowMate Soil

I. IDENTIFICATION

Chemical Origin – Organic humate extract
Chemical Family – Plant Growth Regulator
Formula – Not applicable, formulated mixture
Synonyms – None
CAS Number – Not applicable, formulated mixture.
EPA Number – None required

II. PHYSICAL DATA

Boiling Point – > 100 Degrees C.
Freezing Point – < 20 Degrees F.
Spec Gravity – 1.019 gms/CC.
Vapor Pressure – 570 mm/HG
Vapor Density – Note determined
Solubility – 99%
Volatiles – 0.50%
Evaporation – Not applicable
Melting Point – Not applicable
Appearance – Dark color, liquid, no appreciable odor.

III. INGREDIENTS:

Material – Organic Humus (Humic) – Leonardite;
Mono-ammonium Phosphate; Potassium Sulfate; Zinc
Sulfate

IV. FIRE AND EXPLOSION HAZARD

Flash Point – Non combustible
Auto-ignition Temp – Not Applicable
Flammable Limit – Not applicable
Extinguishing Media – Non-combustible liquid. Use extinguishing media for underlying cause of fire.
Special Fire Fighting Procedures – Wear self-contained breathing apparatus and full protective equipment. Use water spray to keep fire-exposed containers cool.

V. HEALTH HAZARD

Carcinogen Information – Not listed by OSHA, NTP or IARC – None currently known.
Actual Effects Of Over Exposure Swallowing – Possible stomach disorders if taken orally. No Oral LD50 has been established.
Skin Contact – This product may cause eye irritation.
Skin Absorption – None currently known. No Dermal LD50 has been established.
Inhalation – If in mist form may cause slight irritation. No Inhalation LC50 has been detected.
Chronic Effects – None currently known
Other Hazard – None currently known

EMERGENCY AND FIRST AID PROCEDURES

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Note to Physician – In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability – Stable
Conditions to Avoid – None currently known
Polymerization – will not occur
Incompatibility material – Neutralization reaction will occur if exposed to acidic materials.
Hazardous Combustion – At extreme temperatures, CO and oxidation product may be evolved.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Procedure – Contain products. Reuse material if uncontaminated. If contaminated, absorb material with an absorbent, such as clay or sand, and place in suitable container for proper disposal. Do not contaminate water supply.
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Freight Class – Compound, Fertilizer, Liquid, NOIBN
Chemical Name – Not Applicable
Equivalent R.Q. – Not Applicable

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National Fire Protection Association Rating –
(Rating level: 4-Extreme, 3-high, 2-moderate, 1-Slight, 0-Minimum)

Health – 1
Fire – 0
Reactivity – 0

S.A.R.A. Title III Hazard Classification – (Yes/No)

Immediate (Acute) Health – Y
Delayed (Chronic) Health – N
Sudden Release of pressure – N
Fire – N
Reactive – N

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