

Safety Data Sheet

Section 1. Chemical Product and Product Identifier

Product Name : PlantBooster Organic-N
Manufacture Name : Enargia Technologies Ltd.
Manufacture Address : #1-3314 Millar Avenue, Saskatoon, SK, Canada, S7K 7G9
Emergency Number : +1.306.341.0111 (Monday to Friday; from 9.00 am to 5.00 pm CST).

Section 2. Hazard Identification

Classifications:

Flammability – n/a (intrinsically noncombustible)

Health – Category 5 (irritation or minor reversible injury possible)

Instability/Reactivity – n/a (stable)

Pictograms:

n/a

Signal Word:

Warning

Hazard Statements:

H315 May cause skin irritation

H320 May cause eye irritation

H335 May cause respiratory irritation

Precautionary Statements:

P102 Keep out of reach of children

P261 Avoid breathing mist or spray

P262 Do not get in eyes, on skin, or on clothing

P264 Wash skin thoroughly after handling

P280 Wear protective gloves, eye protection, and face protection

Storage:

Avoid overheating or freezing.

Disposal:

Dispose of contents/containers in accordance with federal, state, and local regulations

Section 3. Composition/ Ingredients information

Chemical Characterization: Mixture

Description: Mixture of the substances listed below with nonhazardous additions.

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Component and its composition (%)

Amino Acid – 35 to 45%

Water - 55 to 65%

Section 4. First Aid Measures

Inhalation:

If vapors or mist cause irritation or distress, remove to fresh air.

Skin Contact:

Thoroughly wash off skin with water. Wash contaminated clothing before re-use.

Eye Contact:

Immediately flush eyes with large amounts of water. Remove contact lenses.

Ingestion:

If swallowed, drink plenty of water. Do not induce vomiting. Consult a physician immediately.

Notes to Physician:

Symptoms: May cause minor irritation, redness, and/or burning to the eyes.

Prolonged exposure to the eyes may cause conjunctivitis.

Dermal exposure may cause irritation, redness, and/or burning.

Prolonged exposure to the skin may cause dermatitis.

Ingestion may cause abdominal cramps, nausea, vomiting, and/or diarrhea.

Inhalation may cause upper respiratory tract irritation. May act as a mild allergen.

Section 5. Fire Extinguishing Measures

Suitable Extinguishing Media:

Material is non-combustible.

Specific Hazards During Fire Fighting:

No further relevant information available.

Special Protective Equipment for Fire Fighters:

No special measures required.

Further Information:

No further relevant information available.

Section 6. Accidental Release Measures

Personal Precautions:

Avoid contact with skin and eyes. Avoid inhaling mist. Keep unprotected persons away.

Protective Equipment:

Wear gloves and face protection as necessary.

Environmental Precautions:

Avoid discharge into the environment. After containment and cleanup, flush and dilute spilled area with water.

Methods of Containment and Cleanup:

Surround spill with containment berms to prevent spreading. Use appropriate absorbent material to absorb the spilled material. Flush spilled area with water.

Section 7. Handling and Storage

Precautions for Safe Handling:

Wear personal protective equipment as necessary. Emergency eye wash stations should be in the near proximity to operations presenting a potential splash exposure. Avoid repeated and/or prolonged skin exposure.

Conditions for Safe Storage, Including Incompatibilities:

No further relevant information.

Further Information:

Use good personal hygiene practices. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.

Section 8. Exposure Control/Personal Protection

Contains no substances with occupational exposure limit values.

Personal Protective Equipment (PPE) Engineering Measures:

No further relevant information available.

Eye Protection:

Safety glasses or goggles are recommended where there is a possibility of splashing or spraying. Ensure that eyewash stations are close to the workstation.

Hand Protection:

To prevent skin contact wear water resistant gloves, such as those constructed of nitrile.

Skin and Body Protection:

Wear protective clothing to prevent skin contact. Promptly remove contaminated clothing and launder before re-use.

Respiratory Protection:

No special equipment required. Avoid fine spray/mist through proper handling. Avoid breathing mist.

General Protective and Hygienic Practices:

Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Avoid repeated and/or prolonged skin exposure. Use good personal hygiene practices. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.

Section 9. Physical and Chemical Properties

Appearance	:	Dark brown liquid
Odor	:	Characteristic odour
pH	:	6-7
Boiling Point	:	≥100°C
Melting Point	:	Data not available/does not apply
Specific Gravity (at 20°C)	:	1.13 g/cm ³
Vapor Pressure	:	<0 mm Hg.
Vapor Density	:	Data not available/does not apply
Volatility	:	Data not available/does not apply
Odor Threshold	:	Data not available/does not apply
Water/Oil Dist. Coeff.	:	Data not available/does not apply.
Ionicity (in Water)	:	Data not available/does not apply
Dispersion Properties	:	Data not available/does not apply
Solubility	:	100% Miscible in water

Section 10. Stability and Reactivity

Reactivity:

No further relevant information.

Chemical Stability:

Material is stable under normal conditions.

Possibility of Hazardous Reactions:

No dangerous reactions known.

Hazardous Decomposition:

No dangerous decomposition products known.

Conditions to Avoid:

No further relevant information.

Incompatible Materials:

Strong acids of pH 2 and lower, and bases of pH 9 and higher.

Section 11. Toxicological Information

Acute Toxicity Relevant Numerical Measure of Toxicity:

n/a

Likely Routes of Exposure:

Ingestion.

Immediate Exposure Effects:

May experience nausea, vomiting, and abdominal cramps.

Delayed Exposure Effects:

May experience nausea, vomiting, abdominal cramps, and diarrhea.

Symptoms of Exposure:

Ingestion may cause nausea, vomiting, abdominal cramps, and diarrhea.

Other symptoms may include dryness of mouth and throat, thirst and metallic taste.

Chronic Toxicity Relevant Numerical Measure of Toxicity:

n/a

Likely Routes of Exposure:

Inhalation, Dermal.

Immediate Exposure Effects:

Inhalation: May cause upper respiratory irritation or pulmonary effects.

Dermal: May cause irritation, redness, and/or burning.

Delayed Exposure Effects:

None anticipated.

Symptoms of Exposure:

Inhalation: May cause upper respiratory irritation or pulmonary effects.

Dermal: May cause irritation, redness, and/or burning. Prolonged exposure may cause dermatitis.

Carcinogenic Categories IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

NTP (National Toxicology Program):

None of the ingredients are listed.

OHSA (Occupational Health & Safety Administration):

None of the ingredients are listed.

Section 12. Ecological Information

Eco toxicity : No known toxicity.

BOD and COD : Not available.

Products of Biodegradation: The products constituents are biodegradable.

Special Remarks on the Products of Biodegradation: Not available.

General Notes:

Keep out of sewers, drainage areas, and waterways. Report spills and releases, as applicable, under federal and state regulations.

Section 13. Disposal Guidelines

Disposal:

Dispose of container and unused contents in accordance with federal, state and local requirements.

Further Information:

Do not dispose of in sewage system.

General Notes: Land disposal of absorbed waste is acceptable as the compound is biodegradable. Follow local, state and federal regulations.

Section 14. Transport Information

ADR/RID : Not classified as hazardous for transport.

IMDG : Not classified as hazardous for transport.

IATA : Not classified as hazardous for transport.

General Notes: No further relevant information available.

Section 15. Regulatory Information

TSCA : Not listed on the TSCA inventory.

OSHA : Not considered hazardous.

EPA : Exempt from EPA code.

SARA Section 302 : Does not have an RQ or TPQ.

SARA Section 313 : Not reportable under Section 313.

Section 16. Other Information

The information and recommendations provided in this Safety Data Sheet are accurate to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship.

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