

SAFETY DATA SHEET

Green Magic "Organic humic mixture GM Liquid"
Green Magic "Original L Dry"

Green Life Energy LLC
(Limited Liability Company)
<https://greenmagic.group>
office@greenmagic.group

1. Product identifier and details of the supplier of the safety data sheet

Product name: Green Magic "Organic humic mixture GM Liquid"
Green Magic "Original L Dry"

Product family: Fertilizers

Product type: Organic humic mixture (liquid)
Organic fertilizer (powder)

Identified uses: **Humate potassium "Organic humic mixture GM Liquid" -**
Intended as additive for an open and protected soil for growing a wide range of agricultural and decorative crops (PC12) on all types of soils in all climatic zones. The product increases crop yields, reduces fertilizer application rates and increases plant resistance to adverse effects throughout the entire growth period.

Humate potassium "Original L Dry" – Intended as additive for an open and protected soil for growing a wide range of agricultural and decorative crops (PC12) on all types of soils in all climatic zones. The product increases crop yields, reduces fertilizer application rates and increases plant resistance to adverse effects throughout the entire growth period.

Manufacturer company: Green Life Energy LLC (Limited Liability Company), 61136, Kharkiv, Lev Landau Avenue, house 155, building B, office 305

Emergency health information: 38(057)7153339, (103), (112) Kharkiv city clinical hospital of ambulance and emergency medical care №4 names. prof. A.I. Meshchaninova

2. Hazard identification

GHS Classification: **Skin Irrit. 2; H315** Causes skin irritation, category 2
Eye Irrit. 2; H319 Causes serious eye irritation, category 2

GHS label elements: **H315** Causes skin irritation
H319 Causes serious eye irritation

Hazard pictograms:  GHS 07

Signal word: Warning

Defining characteristics of the product: **Green Magic "Organic humic mixture GM Liquid"**
Green Magic "Original L Dry" - Not classified as hazardous product

Powder



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See section 11 for more detailed information about factors that affect health and the symptoms.

General: Before use, read the quality certificate.
Prevention: Avoid contact with eyes. Avoid skin contact. Do not swallow. Do not breathe dust/vapors. Observe good personal hygiene.
Response to possible exposure: Consult a physician if you feel unwell.
Store in original manufacture packaging. Keep away from moisture and direct sunlight.
Storage:
Disposal: Dispose of contents and container in accordance with local, regional, national and international regulations.
Other hazards: No other hazards are known.

3. Composition/Information on ingredients

Formula: None

Component	CAS №/ECN№	CLP classification	Percentage, %
Green Magic "Organic humic mixture GM Liquid"			
Humic acid, fulvic acid potassium salts	68514-28-3/ 271-030-1	N/E	47,67
Dipotassium oxide (K ₂ O)	12136-45-7/ 235-227-6	Skin Corr. 1 A; H314; Eye Dam. 1; H318	17,6
Phosphorus pentoxide (P ₂ O ₅)	1314-56-3/ 215-236-1	Skin Corr. 1 A; H314	0,21
Green Magic "Original L Dry"			
Organic compound - leonardite	-	-	70-90
Cinder	-	-	10-20

There are no additional ingredients present which within the current knowledge of the supplier and in the concentrations applicable could be classified as hazardous to health or the environment and hence require reporting in this section.

4. First Aid Measures

4.1. Description of the first aid measures

General advice: In the event of symptoms of the effects of the substance, it is necessary to provide first medical aid. Consult a physician.

Following eye contact: Rinse with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical attention.

Following skin contact: Wash hands with water. If skin irritation persists, call a physician.



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Following inhalation: Remove person to fresh air and keep comfortable for breathing. Consult a physician if symptoms develop.

Following ingestion: Rinse mouth with water, plentifully drink. Consult a physician if symptoms develop.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms after skin contact : May cause irritation of skin.
Symptoms after eye contact : Cause irritation of the mucous membranes.
Symptoms after ingestion: May cause irritation of the digestive tract.
Symptoms after inhalation: Not known.

Notes to physician: No specific treatment.
Specific treatments: No specific treatment.

5. Firefighting measures

Extinguishing media:

Suitable: Carbon dioxide, water, dry powder, foam, sand.
Not suitable: No data available.

Special hazards arising from the substance or mixture: Non flammable

Advice for fire fighters: Wear protective clothing and self-contained breathing apparatus.

Hazardous combustion products: Decomposition products may include the following materials: carbon oxides, oxides of phosphorus, potassium oxide.
None

6. Accidental release measures:

Personal precautions, protective equipment and emergency procedures: Avoid contact with eyes, skin. Do not ingest. Do not breathe dust/vapors. Keep away from moisture and direct sunlight.

Environmental precautions: Do not discharge into lakes, streams, ponds in large quantities. Accidental ingress into water in small quantities does not affect the ecological system.

Methods and material for containment and cleaning up: Collect and place in appropriate container for disposal according to local regulations and regulations (see section 13).

Reference to other sections: See Section 1 for Product identifier and details of the supplier of the safety data sheet.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.



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7. Handling and storage

Precautions for safe handling:

Before use read the quality certificate. Avoid contact with eyes, skin. Do not ingest. Do not breathe dust/vapors. Keep away from moisture and direct sunlight. Observe good personal hygiene.

Conditions for safe storage, including any incompatibilities:

Store in a closed container. Protect from direct sunlight, pollution and moisture. Store in a well-ventilated place. Ensure appropriate labeling containers.

Specific end use:

Use as directed.

8. Exposure controls/personal protection

Control parameters:

Personal, workplace or environmental monitoring may be necessary to ensure exposures that are recommended below.

Component	Exposure limit values
Phosphorus oxide (P_2O_5)	Threshold Limit Values (TLV) 2 mg/m ³
Humic acid, fulvic acid potassium salts	Threshold Limit Values (TLV) 10 mg/m ³
Dipotassium oxide (K_2O)	Threshold Limit Values (TLV) 2 mg/m ³

Exposure controls

Engineering measures:

Recommended use natural ventilation

Eye Protection:

Glasses (general rule).

Skin Contact:

Working gloves (general rule).

Respiratory Protection:

None

Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked for compliance with the environmental protection requirements of the legislation of the environment.

9. Physical and chemical properties

Information on basic physical and chemical properties:

Green Magic "Organic humic mixture GM Liquid"

Appearance: Dark brown to black powder
Odor (odor threshold): Weak Specific odor
pH: 9-11

Green Magic "Original L Dry"

Appearance: Dark powder
Odor (odor threshold): Odorless
pH: 5,2-6,5



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10. Stability and reactivity

Reactivity:	Stable.
Chemical stability:	Stable.
Possibility of Hazardous Reactions:	Stable
Conditions to Avoid:	Keep away from moisture and direct sunlight, keep away from strong oxidizing agent.
Hazardous Decomposition Products:	In case of fire hazardous decomposition products may be produced such as: oxide COx, Li ₂ O, P _x O _y

11. Toxicological information

Dipotassium oxide (K ₂ O)	Oral LD ₅₀ mg/kg Rat > 2000 Skin LD ₅₀ mg/kg Rat > 5000
Phosphorus pentoxide (P ₂ O ₅)	Inhalation LC ₅₀ mg/I 4 hr. Rat - 1,2 mg/L 4h
Possible ways of contact with the organism:	Getting through the eyes, skin.
Eye irritation:	Cause irritation of the mucous membranes.
Skin corrosion/irritation	May cause irritation of skin.
Respiratory irritation:	Not known
Ingestion Irritation:	May cause irritation of the digestive tract.
Chronic Exposure :	Health injuries are not known or expected under normal use.
Carcinogenicity :	No data available.
Reproductive effects :	No data available.
Germ cell mutagenicity	No data available.
Teratogenicity :	No data available.

12. Ecological information

Toxicity:	Do not discharge into lakes, streams, ponds in large quantities. Accidental ingress into water in small quantities does not affect the ecological system.
Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available.
Other adverse effects:	Not available.

13. Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Waste must be disposed of in accordance with federal, state provincial and local environmental control regulations.
List of proposed waste codes in accordance with EWC. 02 01 09 agrochemical waste other than those mentioned in 02 01 08.

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Local disposal regulations Hazardous waste code:

Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

Transportation can be carried out in accordance with national legislation or ADR - for transport by road, RID - to transport by rail, IMDG - for transportation by sea, IATA - for transportation by air.

	UN no.	Appropriate shipping name	Classes hazards during transportation	PG	Env
ADR / RID / IMDG / IATA	UN no. not installed	Green Magic "Organic humic mixture GM Liquid", Green Magic "Original L Dry"	-	-	-

Transportation indoors consumer: Transportation always in packaging of manufacturer.

Transport in bulk according to MARPOL Annex II and IBC Code Not Applicable.

15. Regulatory information

Safety Health and Environment / special law for the substance or mixture:

EU Regulation (EC) № 1907/2006 (REACH) Annex XIV - List of substances subject to authorization:
None of the components are listed.

Annex XIV: Substances very special attention: None of the components are listed.

CHAPTER XVII: Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles. Not applicable.

16. Other information

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet/ In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

