

SAPROTERRA

PO BOX: 9238

CITY: Paramus

STATE/PROVINCE/REGION: NJ

POSTAL CODE: 07652

COUNTRY: USA

EMAIL: info@saproterra.com

PHONE: +1 802 648 1198

MATERIAL SAFETY DATA SHEET

2019 07 07

1. Identification of the substance/mixture

1.1 Product identifier

Brand: SAPRO

Product: Liquid organic fertilizer based on sapropel

Use: Organic Fertilizer, Soil Conditioner, Plant Growth Stimulant

1.2 Relevant identified uses of the substance or mixture and uses advised against

Uses of the substance or mixture:

a. Lawns, Shrubs and trees

b. Flowers

c. Fruits and vegetables

1.3 Details of the supplier of the safety data sheet

Company: SAPROTERRA Inc

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1.4 Emergency telephone number

+1 802 648 1198

2. Psychical/chemical characteristics

2.1 Appearance: Dark brown to black coloured liquid

2.2 PH: 7,3

- 2.3 **Solubility:** soluble 100% of composition
2.4 **Flash point open pack:** nonflammable
2.5 **Active Constituents:** 4,75 % Humic Acid
2.6 **Density (g/cm3):** 1,046
2.7 **Flammability:** Non-flammable water based liquid

3. Fire and explosive hazard data

- 3.1 **Extinguished media:** not applicable
3.2 **Special firefighting procedures:** not applicable
3.3 **Unusual fire & explosion hazards:** not applicable

4. Hazards identification

- 4.1 **Classification:**
4.2 **Most important hazards:** There are not possible risks of irreversible effects. It may not cause sensitization by skin contact.
4.3 **Further information:** The ingredients are not expected to pose a significant risk to man or the environment.

5. Stability and Reactivity Data

- 5.1 **Stability:** stable
5.2 **Reactive** None Known
5.3 **Incompatibility (Materials to Avoid):** None Known
5.4 **Hazardous Decomposition or Byproducts:** N/A
5.5 **Hazardous** N/A
5.6 **May Occur Conditions to Avoid:** None Known

6. Health Hazard Data

- 6.1 **Swallowed:** Small quantities not harmful
6.2 **Eye:** Eye contact with solids may cause irritation, tearing or blinking as a foreign body in the eye.
6.3 **Skin:** Not irritate.
6.4 **Inhaled:** Inhalation of dust particulates don't irritate nose, throat and lungs. Same effect as inhaling soil dust.
6.5 **Chronic:** There have been no reports in the literature of health effects in workers arising from long term exposure to this substance.

7. First Aid Measures

- 7.1 **Eye:** Irrigate with water.
7.2 **Skin contact:** Wash off with water.
7.3 **Inhalation:** Same as inhaling regular soil dust.
7.4 **First Aid Facilities:** Water or neutral saline solution for eye wash.
7.5 **Advice to Doctor:** Treatment would be supportive, as there is no specific antidote.
7.6 **Reactivity Data:** Stable powder with no hazardous decomposition products. No hazardous polymerization.

- 7.7 **Note to physicians:** Treatment would be supportive, as there is no specific antidote.
- 7.8 **Reactivity Data:** Stable powder with no hazardous decomposition products. No hazardous polymerisation.

8. Precautions for Use

- 8.1 **Skin protection:** Handle as regular top soil, standard gloves are recommended.
- 8.2 **Eye protection:** Use safety glass/protective eye wear when handling (to avoid particulates).
- 8.3 **Respiratory protection:** Ventilation – provide adequate ventilation when working with or handling loose material to avoid nuisance dust.
- 8.4 **Other protective clothing or equipment:** No special clothing required.

9. Safe Handling information

- 9.1 **Waste Disposal Method:** Waste material resulting from the use of this product may be disposed of on-site, agriculturally, or at an approved waste disposal facility. Recycle if possible. Reclaim waste where possible. Obey local and state waste disposal regulations.
- 9.2 **Precautions to be taken in Handling and Storing:** Store in cool to moderate environments in original packaging/containers out of direct sunlight and direct exposure to water. Protect material from extreme temperatures and moisture.
- 9.3 **Precautions to be Taken When Moving Bulk Product:** To avoid injury, care should be taken when transporting, moving or elevating bulk material on pallets or in the shipped flexible intermediate bulk containers.

10. Transport information

- 10.1 **GENERAL:** Not regulated.
- 10.2 **Label for conveyance:** No transport warning sign required.
- 10.3 **Dangerous goods class:** Not dangerous, normal goods.
- 10.4 **Road:** Not limited for transportation.
- 10.5 **Transport:** The product is subject to regulation transportation by RAIL, SEA, AIR, TIR.