

SAPROTERRA

*Production and wholesale
of organic fertilizers*

SAPROTERRA Inc.
ADDRESS LINE: 658 Etra
Perrineville Rd
CITY: East Windsor
STATE/PROVINCE/REGION: NJ
POSTAL CODE: 08520
COUNTRY: USA
EMAIL: alexshynkarou@gmail.com
PHONE: +1 718 954 1207

MATERIAL SAFETY DATA SHEET

2019 07 07

1. Identification of the substance/mixture of the company LLC «ASTRONA»

1.1 Product identifier

Brand: SAPRO
Product: ORGANIC FERTILIZER
Use: Liquid organic fertilizer, plant growth stimulant and soil conditioner

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

Uses of the substance or mixture: Water, sapropel, peat, dilute alkali

1.3 Details of the supplier of the safety data sheet

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1.4 **Emergency telephone number** +1 718 954 1207

2. Psychical/chemical characteristics

- 2.1 **Appearance:** Dark brown to black coloured liquid
- 2.2 **PH:** 6-8
- 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 indentification

- 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:** Dust causes mild eye irritation. Mild eye irritation, similar to soap.
- 6.3 **Skin:** Mild irritant, slippery feel, similar to soap.
- 6.4 **Inhaled:** Mild irritant can only occur when spraying a diluted solution.

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:** Immediately irrigate with water or neutral saline solution. Seek medical attention.
- 7.2 **Skin contact:** Wash off with water immediately.
- 7.3 **Inhalation:** Not a volatile liquid. If inhaled blow out and seek medical attention.
- 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 liquid 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 liquid with no hazardous decomposition products. No hazardous polymerisation.

8. Precautions for Use

- 8.1 **Personal Protection:** Face shields recommended during handling of product. Overalls recommended when handling liquid.
- 8.2 **Ventilation Requirement:** Not volatile liquid, no harmful gases given off. Do not spray in an enclosed environment.

9. Safe Handling information

- 9.1 **Storage & Transport:** Store and transport in sealed containers below 50°C and above -10°C
- 9.2 **Spills & Disposal:** Dilute and wash away with large amounts of water.
- 9.3 **Fire Explosion/Hazard:** None flammable water-based product, it can only ignite if dried to a powder.
- 9.4 **Asphyxiation Hazard:** Not a volatile liquid. No harmful gases emitted unless dried powder is ignited in large amounts.

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.