

SAPROTERRA

STREET ADDRESS: 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 12 03

1. Identification of the substance/mixture

1.1 Product identifier

Product: 2- hydroxyethaminium 2-((3-(pyridin-4-yl)-1H-1,2,4-triazol- 5-yl)thio) acetate

Synonym: monoethanolammonium 2-(5-(pyridin-4-yl)-1,2,4-triazol-3-ylthio)acetate

Use: Soil and Plant amendment

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, vegetables, berries

1.3 Details of the supplier of the safety data sheet

Company: 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

1.4 Emergency telephone number

+1 718 954 1207

2. Psychical/chemical characteristics

- 2.1 **Appearance:** Yellow crystalline powder
- 2.2 **Solubility of 1% solution:** soluble
- 2.3 **Flash point open pack:** nonflammable
- 2.4 **Elemental composition of the active substance:** carbon (C) 42,0-48,0; hydrogen (H) 4,7-5,7; nitrogen (N) 21,0-23,0; sulfur (S) 8,5-10,5
- 2.5 **Flammability:** melting point 168-170 °C

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 **Most important hazards:** There are not possible risks of irreversible effects. It may not cause sensitization by skin contact.
- 4.2 **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):** can not be mixed with any acid
- 5.4 **Hazardous Decomposition or Byproducts:** N/A
- 5.5 **Hazardous:** N/A
- 5.6 **May Occur Conditions to Avoid:** can not be mixed with any acid

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.
- 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.
- 7.2 **Skin contact:** Wash off with water.
- 7.3 **Inhalation:** use a gauze dressing.
- 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 Note to physicians: Treatment would be supportive, as there is no specific antidote.

7.7 Reactivity Data : stable crystalline powder without dangerous decomposition products.

8 Precautions for Use

8.1 Personal Protection:

Exposure limit values: Not stipulated

Hygiene measures: Wear personal protection equipment. Remove contaminated clothing. Wash hands before breaks and end of work. Do not eat or drink while working.

Eye protection / face: Wear eye / face protection.

Hand protection: Wear protective gloves

Skin protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

8.2 Ventilation Requirement: Not a volatile powder, no harmful gases given off. Do not spray in an enclosed environment, it is required to dilute with water.

9 Safe Handling information

9.1 Storage & Transport: Product is stored in closed dry warehouses at temperatures from 0 °C to 30 °C and relative humidity that does not exceed 65%, protected from atmospheric precipitation, groundwater, and sunlight. Storage near heating equipment, chemical substances, and animal feeds is prohibited.

9.2 Fire Explosion/Hazard: non-flammable crystalline powder

9.3 Asphyxiation Hazard: Not a volatile yellow crystalline powder. No harmful gases.

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.