

## **SAFETY SAFETY DATA SHEET**

### **Terra**

#### **SECTION 1. IDENTIFICATION OF THE SUBSTANCE**

Trade name: Terra  
Form: Liquid

#### **SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

Free Amino Acids 6.4 % W/V  
Nitrogen (N) 15 % W/V

#### **SECTION 3. HAZARDS IDENTIFICATION**

No dangerous.  
CARCINOGENIC EFFECTS: Not carcinogenic  
MUTAGENIC EFFECTS: No mutagenic  
TERATOGENIC EFFECTS: No teratogenic  
DEVELOPMENTAL TOXICITY: No effect

#### **SECTION 4.FIRST AID MEASURES**

**After inhalation** : Not dangerous product.  
**After skin contact** : Clean with water.  
**After eye contact** : Clean with water.  
**After ingestion** : Drink water

#### **SECTION 5.FIRE FIGHTING MEASURES**

**Protection against fire and explosion:** No special requirement.  
**Exinction methods:** Water or any other.  
**Excluded extinction Methods:** None.

## **SECTION 6.ACIDENTAL RELEASE MEASURES**

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### **Small Spill:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

### **Large Spill:**

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

## **SECTION 7.HANDLING AND STORAGE**

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### **Precautions:**

Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Do not ingest.

Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

### **Storage:**

Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalis, reducing agents and combustibles. See NFPA 43A, Code for the Storage of Liquid and Solid Oxidizers.

## **SECTION 8.EXPOSURE CONTROL/PERSONAL PROTECTION**

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### **Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### **Personal Protection:**

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

**Personal Protection in Case of a Large Spill:**

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.

Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical state</b>	liquid
<b>Color</b>	<b>Dark brown</b>
<b>Solubility in water</b>	100% soluble
<b>pH value</b>	5.2
<b>Storage stability</b>	Accepted
<b>Density</b>	1.16 gm/cm <sup>3</sup>

**SECTION 10. STABILITY AND REACTIVITY**

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This material is chemically stable under normal and anticipated storage and handling conditions.

**SECTION 11. TOXICOLOGICAL INFORMATION**

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CARCINOGENIC EFFECTS: Not carcinogenic

MUTAGENIC EFFECTS: No mutagenic

TERATOGENIC EFFECTS: No teratogenic

DEVELOPMENTAL TOXICITY: No effect

**SECTION 12. ECOLOGICAL INFORMATION**

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**Biodegradability:** The product is biodegradable.

**Ecological and biological effects:** None

**SECTION 13. DISPOSAL INSTRUCTION**

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Check with all applicable local, regional, and national laws and regulations. Local regulations may be more stringent than regional or national regulations. Small amounts of this material may be suitable for sanitary sewer or trash disposal.

#### **SECTION 14. TRANSPORT INFORMATION**

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This product is not classified as a Dangerous Good.

#### **SECTION 15. REGULATORY INFORMATION**

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Acute: No

Chronic: No

Fire: No

Read and follow all label directions.

#### **SECTION 16. OTHER INFORMATION**

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The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements.