

## SAFETY DATA SHEET

### Section 1: Product and Company Identification

**Product Name:** Disruptor  
**Product Use:** Soil Treatment  
**Supplier:** Kainos Ag  
**Address:** 4751 S. 700 W. Redkey, IN47373  
  
**Phone Number:** (765) 252-0660

### EMERGENCY TELEPHONE NUMBER

**Local Contact:** (260)-729-2080

### Section 2: Hazards Identification

**Hazard Classification:** Not Applicable

**Signal Word(s):** Not Applicable

**Hazard Statements:** Not Applicable

**Precautionary Statements:**

This product is a "Non-Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. Keep only in the original container

### Section 3: Composition Information

Kainos Ag Disruptor is a water soluble, pH neutral, light amber liquid made of lipids, proteins, plant extracts, and plant derived-alcohols assembled into a cohesive blend. All components are natural, safe, and plant derived. Specific identities of these ingredients are considered by Kainos Ag to be trade secrets and are withheld in accordance to 1910.1200 of Title 29 of the Code of Federal Regulations.

**NOTE: Less than 0.5% active ingredients**

#### Section 4: First Aid Measures

**General Advice:** First Aid responders should pay attention to self-protection and use the recommended protective clothing. If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Inhalation:** No evidence of adverse effects.

**Skin Contact:** No evidence of adverse effects.

**Eye Contact:** Flush eyes with water for 15 minutes. Get medical attention if irritation persists.

**Ingestion:** No evidence of adverse effects.

**Medical conditions aggravated by exposure** None Known.

**Note to Physicians:** No Specific Instructions

#### Section 5: Fire Fighting Measures

**Suitable Extinguishing media:** This material will not burn. Use extinguishing media appropriate for surrounding fire.

**Special Protective Equipment for Firefighters:** No special precautions needed.

#### Section 6: Accidental Release Measures

**Personal Precautions:** Evacuate the area as the floor may be slippery. Use care to prevent slips and falls.

**Measures for Environmental Protection:** None required.

**Measures for cleaning/collecting:** Rinse area thoroughly with water. This product is safe to wash into drains and waste systems.

#### Section 7: Handling and Storage

**Handling:** No special procedures required.

**Storage Conditions:** Store in cool, well ventilated area. Avoid low temperatures.

#### Section 8: Exposure Controls/Personal Protection

**Exposure Limits:** None established.

**Engineering Controls:** None Required.

**General protective and hygienic measures: Respiratory Protection:** None required.

**Eye/Face Protection:** None required.

**Skin Protection:** None required.

**Other Safety Equipment:** None required.

## Section 9: Physical and Chemical Properties

|                                               |                           |
|-----------------------------------------------|---------------------------|
| <b>Appearance</b>                             |                           |
| <b>Physical State:</b>                        | Liquid                    |
| <b>Color:</b>                                 | Light Amber               |
| <b>Odor:</b>                                  | Mild                      |
| <b>pH as supplied:</b>                        | 7-8.5                     |
| <b>Melting Point:</b>                         | Not applicable to liquids |
| <b>Freezing Point:</b>                        | -4° C (25° F)             |
| <b>Flash Point:</b>                           | None (TCC)                |
| <b>Evaporation Rate:</b>                      | No data available         |
| <b>Autoignition Temperature:</b>              | No data available         |
| <b>Explosion Sensitivity to Impact:</b>       | No data available         |
| <b>Explosion Sensitivity to Static</b>        | None                      |
| <b>Discharge: Products of Combustion:</b>     | None                      |
| <b>Vapor Pressure:</b>                        | <0.01 mmHg Estimated      |
|                                               |                           |
| <b>Vapor Density (air = 1):</b>               | No data available         |
| <b>Specific Gravity (H<sub>2</sub>O = 1):</b> | 1.001 20°C/20°C           |
| <b>Solubility in Water (by Weight):</b>       | Calculated Complete       |
| <b>Decomposition:</b>                         | No data available         |
| <b>Oxidizing Properties:</b>                  | No data available         |
| <b>Molecular Weight:</b>                      | No data available         |

## Section 10: Stability and Reactivity

|                                            |                                                |
|--------------------------------------------|------------------------------------------------|
| <b>Reactivity:</b>                         | No dangerous reactions known under normal use. |
| <b>Chemical Stability:</b>                 | Stable under normal conditions.                |
| <b>Possibility of Hazardous Reactions:</b> | None known                                     |
| <b>Incompatible Materials: Hazardous</b>   | None known                                     |
| <b>Decomposition Products:</b>             | None                                           |

## Section 11: Toxicological Information

|                                                                      |                   |
|----------------------------------------------------------------------|-------------------|
| <b>Acute Toxicity:</b>                                               | No data available |
| <b><u>Potential routes of exposure/ potential health effects</u></b> |                   |
| <b>Skin Corrosion/ Irritation:</b>                                   | No data available |
| <b>Eye irritation:</b>                                               | No data available |
|                                                                      |                   |
| <b>Respiratory Sensitization:</b>                                    | No data available |
| <b>Eye Damage/Eye Irritation:</b>                                    | No data available |
| <b>Skin Sensitization:</b>                                           | No data available |
|                                                                      |                   |
| <b>Respiratory:</b>                                                  | No data available |

**Repeated Dose Toxicity:** No data available

**Chronic Toxicity and** No data available

**Carcinogenicity: Developmental** No data available

**Toxicity: Reproductive Toxicity:** No data available

#### Section 12: Ecological Information

**Ecotoxicity:** None Known

**Aquatic Toxicity:** None Known

**Persistence and Degradability:** Readily Biodegradable

#### Section 13: Disposal Considerations

Chemicals contained are not listed as hazardous waste. This product is safe to wash into waste systems. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. As your supplier, we have no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended condition as described in SDS Section: Composition Information.

#### Section 14: Transport Information

**DOT Non-Bulk:** Not regulated

**DOT Bulk:** Not regulated

**IMDG: ICAO/** Not regulated

**IATA:** Not regulated

#### Section 15: Regulatory Information

This product is a "Non-Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-To-Know Act of 1986) Sections 311 and 312**

**Immediate (Acute) Health Hazard:** No

**Delayed (Chronic) Health Hazard:** No

**Fire Hazard:** No

**Reactive Hazard:** No

**Sudden Release of Pressure Hazard:** No

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-To-Know Act of 1986) Sections 313**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List** To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**U.S. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**U.S. Toxic Substances Control Act**

All components of the product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

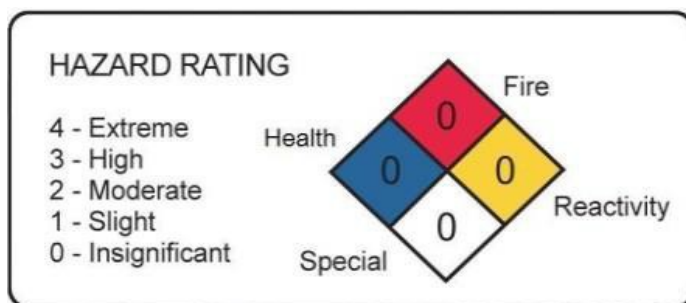
**Section 16: Other Information**

**Revision Date:** 12/20/2021

**Product Literature**

Information on this product and other products we offer can be found on our web site, KainosAg.com. Call your Sales or Customer Service Representative if you require additional information.

**HMIS    Health: 0    Fire: 0    Reactivity: 0    Special: 0**



The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Before using any product, read all warnings and instructions on the label. Final determination of the suitability due to conditions of use must be determined by the user.