



SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name: Arche
Product Use: Seed 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 Arche 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

Appearance	
Physical State:	Liquid
Color:	Light Amber
Odor:	Mild
pH as supplied:	7-8.5
Melting Point:	Not applicable to liquids
Freezing Point:	-4° C (25° F)
Flash Point:	None (TCC)
Evaporation Rate:	No data available
Autoignition Temperature:	No data available
Explosion Sensitivity to Impact:	No data available
Explosion Sensitivity to Static	None
Discharge: Products of Combustion:	None
Vapor Pressure:	<0.01 mmHg Estimated
Vapor Density (air = 1):	No data available
Specific Gravity (H₂O = 1):	1.001 20°C/20°C
Solubility in Water (by Weight):	Calculated Complete
Decomposition:	No data available
Oxidizing Properties:	No data available
Molecular Weight:	No data available

Section 10: Stability and Reactivity

Reactivity:	No dangerous reactions known under normal use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	None known
Incompatible Materials: Hazardous	None known
Decomposition Products:	None

Section 11: Toxicological Information

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

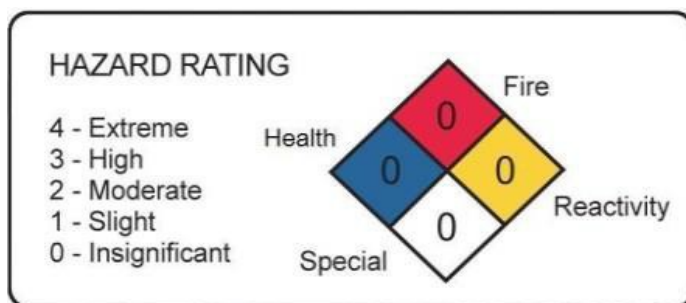
Section 16: Other Information

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.