

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **PK**
OTHER MEANS OF IDENTIFICATION: Inorganic minerals in aqueous solution.

SUPPLIER IDENTIFIER: Athena Ag, Inc.,
4626 Lenox Avenue, Jacksonville, FL 32205
Phone: 818.333.1818;
Email : compliance@athenaag.com

EMERGENCY PHONE NUMBER: 1.801.629.0667

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Not classified as hazardous.
LABEL ELEMENTS: None
SIGNAL WORD: None
HAZARD STATEMENTS: Not classified as hazardous.

PICTOGRAM: NONE /
SIGNAL WORD: N/A: (See Section 15)

PRECAUTIONARY STATEMENTS
GENERAL: P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children.
P103: Read label before use.

PREVENTION: P260: Do not breathe dust/vapor/ spray
P264: Wash thoroughly
P280: Wear eye protection, gloves

RESPONSE: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353: IF ON SKIN (or hair). Rinse skin with water/shower. P321: For specific treatments see FIRST AID section on SDS or label.

STORAGE: P410: Protect from sunlight.
DISPOSAL: P501: Dispose of contents/ container in accordance with local/ regional/ national international regulations.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence reported in this section.

SECTION 4: FIRST AID MEASURES**FOLLOWING INHALATION:**

Breathing dust may cause irritation of mucus membranes, sneezing, and coughing. Move exposed person to fresh air. Consult a physician if irritation persists or for difficulty breathing.

FOLLOWING SKIN CONTACT:

Wash hands after use with warm water and soap. If irritation occurs flush skin with clean water. Get medical attention if irritation persists.

FOLLOWING EYE CONTACT:

May cause eye irritation. Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eyes. Get medical attention if irritation persists.

FOLLOWING INGESTION:

Give 2-4 cups of water to dilute. Do not give fluids by mouth if person is unconscious. Seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES**HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:**

Decomposition products may include the following materials:

- Carbon dioxide
- Carbon monoxide
- Nitrogen oxides
- Metal oxide/oxides

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

No special measures are required. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) With a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:**

Avoid contact with skin and eyes. Keep container tightly closed in a dry, cool location (0-35°C)

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP:**

Avoid strong acids and oxidizing agents.

SECTION 7: HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING:**

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**OCCUPATION EXPOSURE LIMITS:**

None known

APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

INDIVIDUAL PROTECTION MEASURES**EYE/FACE PROTECTION:**

Protective eye

SKIN PROTECTION:

Chemical-resistant, impervious gloves.
Long-sleeved shirt, socks and shoes.

RESPIRATORY PROTECTION:

Should not be needed under normal conditions. Use with adequate ventilation. NIOSH-approved respirator when in contact with dust, mists or vapor.

WORK PRACTICES:

Use standard safe work procedures. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Red/brown
PHYSICAL STATE:	Liquid
ODOR:	Sweet/sour
ODOR THRESHOLD:	Not available
SPECIFIC GRAVITY (H2O=1):	1.13-1.17
RELATIVE DENSITY:	1.13-1.17
pH:	3.2-4.2
MELTING/FREEZING POINT:	0°C
INITIAL BOIL POINT/RANGE:	Not available
FLASH POINT:	Not available
EVAPORATION RATE:	Not available
FLAMMABILITY (SOLID, GAS):	Not available
UPPER/LOWER FLAMMABILITY OR EXPOSURE LIMITS:	Not available
VAPOR PRESSURE:	Not available
VAPOR DENSITY (AIR=1):	Not available
SOLUBILITY:	No available
PARTITION COEFFICIENT, N-OCTANOL/WATER (LOG/KOW):	Not available
AUTO-IGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY & CHEMICAL STABILITY:

This product is stable and non-reactive under normal conditions of storage, use and transport.

CONDITIONS TO AVOID:

Open flames or other high-temperature sources. Which might induce thermal decomposition.

HAZARDOUS DECOMPOSITION PRODUCTS:

Not expected.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGICAL DATA:	No components are considered toxic.
ORAL:	No data available
DERMAL:	No data available
PRIMARY SKIN IRRITATION:	Not irritating
PRIMARY EYE IRRITATION:	Slight irritant

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LIKELY ROUTES OF EXPOSURE:

Dermal, Ingestion, Inhalation.

SYMPTOMS & EFFECTS

INHALATION:

SKIN CONTACT:

EYE CONTACT:

INGESTION:

ACUTE EFFECTS

May cause respiratory tract irritation.

May irritate skin.

Eye irritation.

May be harmful if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

ECO TOXICITY:

Non-toxic.

PERSISTENCE AND DEGRADABILITY:

Not available.

BIOACCUMULATIVE POTENTIAL:

Not available.

MOBILITY IN SOIL:

Not available.

OTHER ADVERSE EFFECTS:

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority Requirements. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Rinse empty containers with clean water and treat the effluent the same as waste. Clean and empty containers are to be recycled or disposed of in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

US DOT:

Not regulated as hazardous material.

IMO:

Not regulated as hazardous material.

IATA:

Not regulated as hazardous material.

RID/ADR:

Not regulated as hazardous material.

Canadian TDG:

Not regulated as hazardous material.

SECTION 15: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS

CANADA - DOMESTIC SUBSTANCES LIST (DSL) / NON-DOMESTIC SUBSTANCES LIST (NDSL):

All ingredients are either listed on the DSL/NDSL or exempt.



USA - TOXIC SUBSTANCES CONTROL ACT (TSCA):

All ingredients are either listed on the TSCA Inventory or exempt.

US EPA CERCLA RQ:

No products were found.

SARA TITLE III SECTION EXTREMELY HAZARDOUS SUBSTANCE:

Section 304 EHS RQ:

No products were found.

Section 302 TPQ:

No products were found.

SARA TITLE III SEC. 311/312:

Hazard category:

N/A

US. EPA EPCRA Section 313 listed:

No products were found.

Threshold quantity

(processed or manufactured):

N/A

Threshold quantity

(otherwise used):

N/A

Canadian WHIMIS Classification:

Not regulated.

CALIFORNIA PROP 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.



COMPOUND LIQUID INORGANIC
MACRONUTRIENT FERTILISER

¹CMC 1: VIRGIN MATERIAL
SUBSTANCES AND MIXTURES



SECTION 16: OTHER INFORMATION

DATE OF LAST REVISION: June 2022

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