



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	High K
Description	Agriculture Use –Fertilizer

Registered company name	EGE Products
Address	450 Cr C Minneola Kansas 67865
Telephone	620-450-4320
Website	www.egebio.com

2. HAZARD IDENTIFICATION

GHS Classification

Acute toxicity:

Inhalation	If misty condition prevails, may irritate. Large doses of ammonium salts may give diarrhea or diuresis.
Ingestion	Low oral toxicity
Skin	Low skin irritation potential
Eyes	Low eye irritation potential.

GHS Label	
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Signal Word	Warning
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Precautionary Statements:

P261	Avoid breathing mists or vapors.
P262	Do not get in eyes, on skin, or on clothing.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P280	Wear protective gloves, protective clothing, and eye protection. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P341	If swallowed, call a Poison Center or doctor if you feel unwell.
P301+P312	If in eyes, rinse cautiously with water for several minutes.
P305+P351+P338	Remove contact lenses, if present and easy to do so. Continue rinsing.


3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS number	Percentage
Liquid Fertilizer Blend	Mixture	100.0%

4. FIRST AID MEASURES

Eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice if symptoms persist.
Skin	Rinse skin with plenty of water for 15-20 minutes. If skin irritation occurs, seek medical attention. Call a poison control center or doctor for treatment advice.
Inhaled	Generally not considered an inhalation hazard.
Ingestion	If conscious, immediately give large quantities of water. Consult a physician.

5. FIRE FIGHTING MEASURES

Unusual fire and explosion hazards	When heated, it may give off ammonia fumes (this material is a fire retardant.)
Fire extinguishing agents recommended	All standard agents are acceptable.
Special fire-fighting precautions	Due to possible evolution of ammonia, wear self-contained breathing apparatus approved by NIOSH. Use water spray to keep containers cool.
NFPA Hazard Rating	

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation. Use personal protective equipment.
Containment and Cleanup	Soak up with inert absorbent material. A vacuum truck may also be used. Keep in a suitable closed container for disposal.

7. HANDLING AND STORAGE

Handling	Avoid breathing mists if any should form. Minimize contact of liquid with eye, skin, and clothing. Use good personal hygiene and housekeeping.
Storage	Avoid using containers, pipes and fittings made of aluminum, mild steel, zinc-clad or copper bearing alloys.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation System	Unless misted by heat, agitation, or spraying, natural ventilation should be adequate.
Respiratory Protection	For most conditions, no respiratory protection should be needed; however, use NIOSH/MSHA approved organic vapor respirator as needed
Eye Protection	Safety glasses are recommended.
Skin Protection	Rubber coated gloves and clothing which minimize skin exposure are recommended if there is prolonged or repeated exposure of skin or liquid.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odor	Odorless
pH	6.8-7.2
Freeze / Melting Point	15 F
Boiling Point / Range	Not determined
Density (lb/gal)	9.95
Flash Point	Not determined
Color	Not determined
Solubility in Water	Miscible
Viscosity	Not determined
Odor Threshold	Not determined
Evaporation Rate	Not determined
Upper / Lower Flammability Limits	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Partition Coefficient	Not determined
Auto-Ignition Point	Not determined
Decomposition Temperature	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability	Stable at ambient temperatures and atmospheric pressure.
Conditions to Avoid	Strong extreme temperature changes.
Incompatibilities	Avoid mixing with materials containing calcium and magnesium as these will form fallout after a short period of time. Always perform a jar test to determine compatibility.

11. TOXICOLOGY INFORMATION

Eye	Product is normally non-irritating but, may cause redness, tearing, and mild irritation
Skin	Product is normally non-irritating, but may cause more severe irritation such as local redness and swelling with prolonged exposure
Inhalation	May irritate the respiratory tract and cause discomfort to nose and throat if exposed to mist.
Ingestion	Low toxicity but large quantities may cause abdominal irritation, nausea, vomiting and diarrhea. Do not taste or swallow product.
Chronic exposure	No data available
Specific target organ toxicity	Single exposure – no data available
Specific target organ toxicity	Repeated exposure – no data available
Germ Cell Mutagenicity	No data available
Reproductivity Toxicity	No data available
Aspiration hazard	No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not determined.
Other ecotoxicology advice	Not ecological data available

13. DISPOSAL CONSIDERATIONS

Product Disposal	Disposal of contents / container must be in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules.)
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14. TRANSPORTATION INFORMATION

Shipping Description:	Not regulated for ground transportation by US DOT.
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15. REGULATORY INFORMATION

SARA TITLE III

311/312 Hazard Categories	None
313 Reportable Ingredients	None
302/304 Emergency planning	Not listed

OSHA Status	Classified as not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
TSCA Status	Components either exempt or listed on TSCA inventory.

16. OTHER INFORMATION

Revision Date	11/17/23
Initial Date	11/17/23

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.