

SAFETY DATA SHEET (SDS)

Agro-K Corporation

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: System-K Blue
 Common Name: Liquid fertilizer
 Identified Uses: Intended for agriculture. Not for human consumption.

Supplier: AGRO-K CORPORATION
 8030 MAIN STREET NE
 MINNEAPOLIS, MN 55432
 Telephone: (763) 780-4116 / (800) 328-2418
 FAX: (763) 780-4316

CHEMTREC
 Emergency Telephone: (800) 424-9300

II. HAZARDS IDENTIFICATION

Classification:
 Skin Irritant 3 H316
 Eye Irritant 2B H320
 Oral Irritant 4 H302



Hazard pictogram:

Signal word: Warning
 Hazard statements: H316 – May cause skin irritation
 H320 – May cause eye irritation
 H302 – Harmful if swallowed
 Precautionary statements: P264 – Wash thoroughly after handling
 P270 – Do not eat, drink, or smoke when using this product.
 P273 – Avoid release to environment.
 P303 – Rinse mouth
 P302+P352 – If on skin: Wash with plenty of soap and water
 P308+P313 – If exposed or concerned: Get medical advice/attention
 P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+312 – If swallowed, call a poison center/doctor if you feel unwell
 P332+P313 – If skin irritation occurs: Get medical advice/attention
 P337+P313 – If eye irritation occurs: Get medical advice/attention
 P501 – Dispose of contents/container in accordance with local/regional/national regulations

III. COMPOSITION/INFORMATION ON INGREDIENTS

Blend of the following ingredients:

Chemical Compound	CAS Number
Potassium Phosphite	13492-26-7 13977-65-6

*Ingredients not specifically listed are non-hazardous and/or are considered to be confidential

IV. FIRST AID MEASURES

If in Eyes: Hold eyelid open and rinse slowly and gently with water for 15-20 minutes.
 Remove contact lenses, if present, after the first 5 minutes, then continue

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rinsing eye. If irritation develops and persists, call a poison control center or doctor immediately for treatment advice.

If on Skin: Take off contaminated clothing. Rinse skin immediately with plenty of soap and water for 15-20 minutes. If irritation persists, call a poison control center or doctor immediately for treatment advice.

If Swallowed: Give large quantities of water, do not induce vomiting. Do not give anything to an unconscious or convulsing person. Call a poison control center or doctor immediately for treatment advice.

Hotline Number: Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call ChemTrec at 1-800-424-9300.

V. FIRE FIGHTING MEASURES

Firefighting notes: Material will not burn.
Suitable extinguishing media: Use extinguishing media for surrounding cause of fire.

VI. ACCIDENTAL RELEASE MEASURES

Spill procedure: Capture product and reuse material if uncontaminated. If contaminated, place in a suitable container for proper disposal.
Clean-up: Mop, vacuum, scoop, or sweep up material and place in container for disposal.

VII. HANDLING AND STORAGE

Precautions for safe handling: Keep out of reach of children.
Storage Conditions: Keep in closed container and properly labeled. May be corrosive to copper, brass or mild steel.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand protection: Wash thoroughly after handling.
Eye protection: Wear protective eyewear if exposure is expected.
Other information: Do not eat, drink, or use tobacco during use. Practice good hygiene after use of this material; especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical description: Liquid
Color: Clear to light yellow.
Odor: No data available
Odor threshold: No data available
Vapor density: No data available
pH: 5.5
Relative density: 1.435
Melting/freezing point: No data available
Solubility: Soluble in water
Boiling point: No data available
Flash point: No data available
Flammability: No data available
Vapor Pressure: No data available
Partition coefficient: No data available

Auto-ignition temperature: No data available
 Viscosity: No data available

X. STABILITY AND REACTIVITY

Chemical stability: Stable.
 Incompatibility with other materials: Strong acids, strong bases, strong oxidizers, water reactive materials. May be corrosive to copper, brass or mild steel.
 Hazardous combustion: Will not occur.
 Hazardous polymerization: Will not occur.
 Hazardous decomposition products: When heated (in a fire), may give off ammonia gas.

XI. TOXICOLOGY

Potential acute toxicity:
Eyes: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: May cause nausea, vomiting, or diarrhea.

Potential chronic toxicity:
Chronic effects: No known significant effects or critical hazards
Carcinogenic effects: No known significant effects or critical hazards.
Mutagenic effects: No known significant effects or critical hazards.
Reproductive toxicity: No known significant effects or critical hazards.

XII. ECOLOGICAL INFORMATION

Aquatic ecotoxicity: Not determined
Biodegradability: Not determined
Environmental Precautions: No known significant effects or critical hazards
Mobility: Not available
Other Adverse Effects: No known significant effects or critical hazards

XIII. DISPOSAL CONSIDERATIONS

Waste Disposal Method: This material must be disposed of according to federal, state, or local procedures under the resource conservation and recovery act.
Container Disposal: Triple rinse and dispose of in accordance the federal, state, and local laws and regulations

XIV. TRANSPORT INFORMATION

Shipping Name: Not regulated by DOT
 Hazard Class: None
 Identification No.: None
 Labels Required: None
 Placarding: None

XV. REGULATORY INFORMATION

TSCA Inventory: All components are listed on the TSCA inventory.

SARA Title III Information:
 Section 302: None listed
 Section 311/312: Acute
 Section 313: None listed

CERCLA: None listed

California Proposition 65: None listed.

U.S. State Worker and Community Right-To-Know (RTK) Information:

XVI. OTHER INFORMATION

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