

Cinmax International LLC  
**Wynca USA™ Sunphosate K Plus**  
Safety Data Sheet (SDS)



*This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication 29 CFR 1910.1200 (g)(2).*

**1. IDENTIFICATION OF THE PRODUCT & COMPANY**

**Product Name:** Sunphosate K Plus

**Intended Use:** Herbicide

**Company Identification:**

Cinmax International, LLC  
3050 Metro Drive, Suite 113  
Bloomington, MN 55425

**Emergency Information:**

Chemtrec

Tel: 1 (800) 424-9300 for transportation and spills

**SECTION 2: HAZARD IDENTIFICATION**

**GHS-US classification**

**Signal Word:** WARNING

**Hazard Statements:**

Moderately irritating to eyes



**Physical Hazards:**

May react with metals such as galvanized steel or unlined mild steel to produce hydrogen gas which could form a highly combustible gas mixture.

Refer to Section 11 for toxicological and Section 12 for environmental information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	%
Glyphosate Potassium Salt	70901-12-1	48.7%
Other Inerts		51.3%

### 4. FIRST AID MEASURES

First Aid responders should use protective equipment in Section 8 if there is a potential for exposure to product.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air, if person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** None

Have a product container or label with you when calling a poison control center or doctor or going for treatment.

### 5. FIRE FIGHTING MEASURES

#### NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

CATEGORY	RATING*
Health	1
Flammability	0
Reactivity	1

\*4 = Severe 3 = Serious 2=Moderate 1=Slight 0=Minimal

**FLASH POINT (method):** Not flammable

**FLAMMABLE LIMITS:** Not applicable

**FIRE AND EXPLOSION HAZARD:** Thermal decomposition during a fire can produce fumes and irritating gases.

**EXTINGUISHING MEDIA:** Use dry foam, dry chemical, carbon dioxide, or water spray when fighting fires involving this material. Minimize the use of water to avoid environmental contamination.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, nitrogen oxides, and phosphorus oxides.

**FIRE FIGHTING INSTRUCTIONS:** Evacuate the area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Dike and collect water used to fight fire-extinguishing systems are preferred to prevent environmental damage with excessive water run-off.

**FIRE FIGHTING EQUIPMENT:** Self-contained breathing apparatus with full face piece. Full firefighting turn-out gear (bunker gear).

**6. ACCIDENTAL RELEASE MEASURES**

**In Case of Spills or Leaks:** Clean up spills immediately, observing Section 8 of this document. Isolate hazard area/Keep unnecessary and unprotected personnel from entering.

**Personal Precautions:** Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

**Environmental Precautions:** Prevent material from entering public sewer systems or any waterways.

Do not flush to drain. For small spills, absorb with sand, vermiculite or other inert absorbent. Place contaminated material in appropriate container for disposal. Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbent material to solidify and scrape up after disposal. After removal, scrub the area with detergents and neutralize with dilute alkaline solutions of soda ash or lime.

See Section 13: DISPOSAL CONSIDERATIONS for more information.

**7. HANDLING AND STORAGE**

**Keep out of reach of children!**

Do not contaminate water, food or feed by storage or disposal.

**HANDLING:** Wear proper safety equipment specified in Section 8 when mixing, loading or otherwise handling this product. Spray solutions of this product should be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX OR ALLOW TO COME IN CONTACT WITH OXIDATION AGENTS. A HAZARDOUS CHEMICAL REACTION MAY OCCUR. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS.

**STORAGE:** Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep container closed to prevent spills and contamination. See individual container label for additional storage conditions, if any.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**EXPOSURE LIMITS** (8 hour TLV):

Chemical name	% by Weight	OSHA Exposure Limits	ACGIH TLV
Glyphosate Potassium Salt	48.7%	Not established	Not established

**ENGINEERING CONTROLS:** Proper ventilation is required when handling or using this product to minimize exposure to airborne contaminants. Local mechanical exhaust provides general and/or local exhaust ventilation. Ventilate all transport vehicles prior to unloading.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators and other handlers must wear: long-sleeved shirt and long pants, socks and shoes, and chemical resistant gloves made of waterproof material, such as polyethylene or polyvinyl chloride.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:** Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Color: Pale yellow to brown clear liquid

Physical state: Liquid

Odor: Mild characteristic

Melting/Freezing Point: Not determined

pH: 4.88 in an aqueous solution

Density or Specific Gravity: 1.3788 g/ML @ 20 Celsius

Solubilities: Completely soluble in water

Flash Point: Not flammable

Partition Coefficient: Log Pow = 3.2 @ 25% C (glyphosate)

Storage stability: Stable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable, however may decompose if heated.

**Hazardous reactions/polymerization:** Product will not undergo polymerization.

**Conditions to Avoid:** Avoid heat of open flame and high temperatures.

**Incompatible materials:** Reacts with galvanized steel or unlined mild steel to produce hydrogen, a highly flammable gas.

**Hazardous Decomposition Products:** Carbon monoxide, nitrogen oxides, and phosphorus oxides.

**Hazardous Polymerization:** Product will not undergo polymerization.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

The following information is from this formulation or from a similar formulation:

Oral Toxicity LD 50 (rats)	>5000 mg/kg
Dermal Toxicity LD 50 (rat)	>2000 mg/kg
Inhalation Toxicity LC 50 (rat)	>2.10 mg/L (4 h)
Eye Irritation (rabbit)	Causes moderate eye irritation

Skin Irritation (rabbit) Not classified as a skin irritant

Skin Sensitization (guinea pigs) Not a skin sensitizer

**CARCINOGENICITY:** Not carcinogenic in rats and mice. Listed as Category 2A by the International Agency for Research on Cancer (IARC) but expert opinion based on weight of evidence is that classification as a carcinogen is not warranted.

**REPRODUCTIVE/DEVELOPMENTAL TOXICITY:** Developmental effects in rats and rabbits only in the presence of significant maternal toxicity. Reproductive effects in rats only in the presence of significant maternal toxicity.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL SUMMARY:** Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

### AVIAN TOXICITY:

Dietary LC50 (5 days) Bobwhite Quail: >4600 mg/kg

Dietary LC50 (5 days) Mallard Duck: >4600 mg/kg

### AQUATIC ORGANISM TOXICITY:

96-hour LC50 Rainbow Trout: 3.1 mg/L

96-hour LC50 Bluegill Sunfish: 3.1 mg/L

48-hour EC50 Daphnia magna: 8.0 mg/L

72-hour EC50 Green algae: .46 mg/L

### OTHER NON-TARGET ORGANISM TOXICITY:

48-hour LD50 Honey Bee: >100 µg/bee.

### BIOACCUMULATION:

BCF (whole fish) for Bluegill sunfish <1

### DISSIPATION:

Soil, field (half life) – 2 to 174 days Koc 884 to 60,000 l/kg

Water, aerobic (half life) <7 days

## 13. DISPOSAL CONSIDERATIONS

**PRODUCT DISPOSAL:** To avoid wastes, use all material in the container, including rinsate, by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program. Dispose of in accordance with applicable federal, state and local regulations and procedures.

**CONTAINER DISPOSAL:** See the individual container label for disposal information. Emptied containers retain vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned, or destroyed. Empty packaging completely. Triple rinse or pressure rinse empty containers. DO NOT CONTAMINATE WATER WHEN DISPOSING OF RINSE WATERS. Ensure packaging cannot be reused. Do not reuse containers. Store empty containers for collection by approved waste disposal service. Recycle if appropriate facilities/equipment is available. Follow all local/regional/national/ international regulations.

## 14. TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Not regulated for domestic ground transport by US DOT.

**EMERGENCY RESPONSE :** Not applicable

**SDS Date:** October.2025

**ICAO/IATA SHIPPING NAME:** Not regulated for transport under IATA/ICAO Regulations

**IMDG SHIPPING NAME:** Not regulated for transport under under IMO Regulations

**HAZARD CLASS OR DIVISION:** N/A

**UN NUMBER:** N/A

**DOT PACKING GROUP:** PG III

## 15. REGULATORY INFORMATION

**CERCLA REPORTABLE QUANTITY:** Not listed

**SARA TITLE III STATUS:**

311/312 Hazard Categories – Immediate Health

313 Toxic Chemicals – Not Applicable

**CALIFORNIA PROP 65:** Not Listed

**TSCA INVENTORY:** Exempt

**FIFRA INFORMATION:** The chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for the workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

## 16. OTHER INFORMATION

This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made the user should contact the company.