

CINMAX INTERNATIONAL LLC

Wynca USA™ Sunphosate® 5 Plus

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Wynca USA™ Sunphosate® 5 Plus
EPA Reg. No: 87659-6
Active Ingredient: Potassium Salt of Glyphosate
Chemical Class: Broad spectrum post-emergence herbicide

Company Identification:

CINMAX INTERNATIONAL LLC

3050 Metro Drive, Suite 113
Bloomington, MN 55425

EMERGENCY TELEPHONE NUMBERS:

CHEMTREC for transportation and spills call 1-800-424-9300.

SECTION 2: HAZARD IDENTIFICATION

Classification in accordance with regulation HCS 29CFR §1910.1200

Pale yellow to brown liquid



WARNING

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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number:	<u>(% w/w)</u>
Glyphosate Potassium Salt	70901-12-1	48.7%
Inert Ingredients		51.3%

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SECTION 4: FIRST AID MEASURES

FIRST AID 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.
IN ON SKIN OR CLOTHING	Take off contaminated clothing. Rinse skin with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
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.
IF SWALLOWED	Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a Poison Control Center or doctor. Do not give anything to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222, collect day or night, for emergency medical treatment information.

SECTION 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.

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SECTION 5: FIRE-FIGHTING MEASURES (cont'd)

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).
HAZARDOUS COMBUSTION PRODUCTS:	Carbon monoxide, nitrogen oxides, and phosphorus oxides.

SECTION 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.

SMALL SPILL: Absorb small spills with sand, vermiculite or other inert absorbent. Place contaminated material in appropriate container for disposal.

LARGE SPILL: 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 for disposal. After removal, scrub the area with detergent and eater and neutralize with dilute alkaline solutions of soda ash or lime.

Do not allow washwaters to enter waterways.

SECTION 7: HANDLING AND STORAGE

Keep out of reach of children. Do not contaminate water, food or feed by storage or disposal.

Proper pesticide storage and disposal are essential to protect against exposure to people and the environment due to leaks and spills, excess product or waste, and vandalism. Do not allow this product to contaminate water, foodstuffs, feed or seed by storage or disposal.

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SECTION 7: HANDLING AND STORAGE (cont'd)

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.

PESTICIDE 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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: (8-hour TLV):

<u>MATERIAL:</u>	<u>% BY WT.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
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 any 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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color:	Pale yellow to brown clear liquid
Physical State:	Liquid
Odor:	Mild characteristic
Specific Gravity:	1.3788 g/mL @ 20° C
Solubility:	Completely soluble in water
Flash Point:	Not flammable
pH:	4.88 in an aqueous solution
Stability:	Stable
Partition Coefficient:	Log Pow = 3.2 @ 25% C (glyphosate)

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable, however may decompose if heated.
CHEMICAL CONDITIONS TO AVOID:	Avoid excessive heat and fire.
INCOMPATIBILITY WITH OTHER 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.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	
ORAL (rat):	The oral LD ₅₀ is > 5,000 mg/kg
DERMAL(rat):	The dermal LD ₅₀ is > 2,000mg/kg
INHALATION (rat):	The LC ₅₀ (4 hr) is > mg/L
EYE IRRITATION (rabbit):	Causes moderate eye irritation
SKIN IRRITATION (rabbit):	Not classified as a skin irritant
SKIN SENSITIZATION (guinea pig):	Not a skin sensitizer

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SECTION 11: TOXICOLOGICAL INFORMATION (cont'd)

CARCINOGEN INFORMATION: 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.

SECTION 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 rinseate.

AQUATIC TOXICITY:
 LC₅₀ (96 hr) for Bluegill sunfish – 5.2 mg/L
 LC₅₀ (96 hr) for Rainbow trout – 3.1 mg/L
 EC₅₀ (48 hr) for Daphnia magna – 8.0 mg/L
 EC₅₀ (72 hr) for Green algae – 0.46 mg/L

AVIAN TOXICITY:
 LC₅₀ (5 days) for Bobwhite quail - > 4,600 mg/kg diet LC₅₀
 (5 days) for Mallard duck - > 4,600 mg/kg diet

NON-TARGETS:
 LD50 (48 hr) 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

SECTION 13: DISPOSAL CONSIDERATIONS

PESTICIDE 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

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SECTION 13: DISPOSAL CONSIDERATIONS (cont'd)

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.

SECTION 14: TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Not regulated for domestic ground transportation
IMDG CODE:	Not regulated for transport under IMO Regulations
IATA/ICAO:	Not regulated for transport under IATA/ICAO Regulations
HAZARD CLASS OR DIVISION:	N/A
UN NUMBER:	N/A
DOT PACKING GROUP:	PG III

SECTION 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: This 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.

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SECTION 16: OTHER INFORMATION

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state, and local laws and regulations. See SDS for health and safety information.