

CINMAX INTERNATIONAL, LLC
Wynca USA™ SUN-Flumi 51 WDG
SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Wynca USA™ SUN-FLUMI 51 WDG
EPA Reg. No: 95055-14-87659
Product Type/Use: Herbicide
Common Name: Glufosinate-ammonium
Chemical Name: 2-amino-4-(hydroxymethylphosphinyl)butyric acid monoammonium salt

Company Identification:

CINMAX INTERNATIONAL, LLC

3050 Metro Drive, Suite 113
Bloomington, MN 55425

EMERGENCY TELEPHONE NUMBERS:

CHEMTREC

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

SECTION 2: HAZARD IDENTIFICATION

Classification in accordance with regulation HCS 29CFR §1910.1200

Acute Toxicity – Inhalation (Dusts/Mists)	Category 4
Reproductive toxicity	Category 2
Hazardous to aquatic environment, acute	Category 1
Hazardous to aquatic environment, chronic	Category 1

GHS Signal Word: WARNING



Hazard statement:

Harmful if inhaled
Suspected of damaging fertility or the unborn child
Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects

Precautionary statement:

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Avoid breathing dust/fume/gas/mist/vapors/spray

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Use only outdoors or in a well-ventilated area

SECTION 2: HAZARD IDENTIFICATION (CONTINUED)

Response: IF EXPOSED OR CONCERNED: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Storage: Store locked up.

Disposal: Dispose of contents/container to an approved waste disposal plant

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredient: Flumioxazin

COMPONENT	CAS NO.	%
Flumioxazin	103361-09-7	49.47-52.53
Sodium dodecyl sulphate	151-21-3	1-5
Ammonium sulfate	7783-20-2	15-25
Other ingredient	n/a	25-30

SECTION 4: FIRST AID MEASURES

If Swallowed:	If swallowed, do not give any liquid to the person. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. If symptoms develop, get medical advice.
If in Eyes:	Hold eye open and rinse slowly and gently with water for several minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation persists.
If on Skin or Clothing:	Take off contaminated clothing. Wash with soap and water. Get medical attention if irritation or symptoms develop.
If inhaled:	Move 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 physician or poison control center immediately.
Advice to Doctor: Treat symptomatically and supportively as and when required. There is no specific antidote	
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.	

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SECTION 5: FIRE-FIGHTING MEASURES

Flash point: Not applicable

Extinguishing Media: Use foam, dry chemical, carbon dioxide, or water spray when fighting fires involving this material.

Hazardous thermal composition products: May produce gases such as fluorine compounds, and oxides of carbon and nitrogen.

SECTION 5: FIRE-FIGHTING MEASURES (CONTINUED)

Fire Fighting Instructions: Evacuate area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products. Dike and collect water used to fight fire to prevent environmental damage due to run off. Minimize use of water to prevent environmental contamination.

Fire Fighting Equipment: Full firefighting turn-out gear (Bunker gear) including self-contained breathing apparatus with full face piece.

SECTION 6: ACCIDENTAL RELEASE MEASURES

In case of spills: Clean up spills immediately. Reduce airborne dust and avoid breathing dust. Wear appropriate safety equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Consult Section 8 of this document for additional precautions.

SMALL QUANTITIES: Vacuum or sweep up material and place in a container for reuse or disposal

LARGE QUANTITIES: Avoid creating dust cloud. Vacuum or sweep up material and place in a container for reuse or disposal. Pick up wash liquid with additional absorbent for disposal. After removal, flush contaminated area thoroughly with water.

Caution: Minimize use of water to prevent runoff into municipal sewers or other open bodies of water and minimize environmental contamination. Contact your State Pesticide or Environmental Control Agency, or nearest EPA Regional Office for guidance on disposal.

Refer to Section 13 for disposal of spilled material. Use handling recommendations in Section 7 and personal protection recommendations in Section 8.

SECTION 7: HANDLING AND STORAGE

KEEP OUT OF REACH OF CHILDREN

Handling

Use only in a well-ventilated are. Wear proper safety equipment specified in Section 8 when mixing, loading or otherwise handling concentrate. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing if pesticide gets inside clothing. Then wash thoroughly and put on clean clothing. Remove PPE after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Do not reuse container.

Storage

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Keep pesticide in original container. Keep container tightly closed when not in use. Store in a locked storage area. Avoid cross contamination with other pesticides or fertilizers during handling and storage. Store in a cool, dry place. Do not contaminate water, feed, or food by storage and disposal. Do not store diluted spray.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control

Proper ventilation is required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. **Personal Protective**

Equipment

Eye protection: Protective eyewear

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

Skin Protection: Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.

Respirator: Normally not required. If handling in an enclosed environment where dusts or mists may exceed acceptable levels, wear NIOSH approved air-purifying respirator approved for pesticides.

General Protective Measures

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. **DO NOT** reuse them. 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.

Use 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. Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off-white to slight yellow granular
Odor	/Slightly faint
pH	5-8
Melting Point (°C)	NA
Suspension	≥70%
Wet sieve test through 75µ test sieve	≥98%
Wettability	≤60s
Solubility	NA
Flash Point	NA
Persistence foaming	≤60 ml

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Spontaneity of dispersion	≥90%
Density	Pour density 0.576, tap density 0.616 g/mL

*Listed density is an approximate value and does not necessarily represent that of a specific batch

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No information available

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Will not occur

Conditions to Avoid: Avoid heat of open flame and high temperatures. Keep containers sealed.

Incompatibilities: Oxidizing materials. Strong acids or bases.

SECTION 10: STABILITY AND REACTIVITY(CONTINUED)

Hazardous Decomposition Products: May produce gases such as nitrogen compounds, fluorine compounds, or oxides of carbon and nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity – Oral

LD50 rat (male and female): >5000 mg/kg

Acute Toxicity – Dermal

LD50 rat (male and female): >2.8 mg/l (4h)

Acute Toxicity – Inhalation

LC50 rat (male and female): >2000 mg/kg

Skin Irritation

Brief and/or minor irritation

Serious eye damage/eye irritation

Brief and/or minor irritation

Sensitization

Probable non-sensitizer

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SECTION 12: ECOLOGICAL INFORMATION

Environmental summary: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply where runoff might occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate. **Fate:** Degrades rapidly in soil and water. Leaching potential is low.

Fish Toxicity:	LC50 (96 h) Rainbow trout – 2.3 mg/l LC50 (96 h) Bluegill >21 mg/l EC50 (48 h) Daphnia >6 mg/l LC50 (96 h) Sheepshead Minnow >4.7 mg/l LC50 (96 h) Mysid Shrimp – 2.3 mg/l
Avian Toxicity:	LD50 Oral Bobwhite quail >2250 mg/kg LC50 Dietary Bobwhite quail >5620 ppm LC50 Dietary Mallard Duck >2250 ppm
Bee Toxicity:	LC50 Contact >105 ug/bee

SECTION 13: DISPOSAL CONSIDERATIONS

DO NOT contaminate water, food or feed by disposal

Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

Pesticide Disposal: Excess pesticide spray, mixture, or rinsate resulting from the use of this product can be disposed of onsite according to label instructions or at an approved waste disposal facility. Improper disposal is a violation of Federal Law.

Container Disposal: Non-refillable container: Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Refer to the product label for additional and complete Container Handling instructions.

SECTION 14: TRANSPORTATION INFORMATION

US DOT: Not regulated for domestic ground transport

ICAO/IATA: UN 3077 Environmentally Hazardous Substance, Solid, n.o.s. (Flumioxazin), 9, III, Marine Polutant

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NOTE: Single or inner packaging of less than 5 kg net excepted from Dangerous Goods regulations – See UN Special Provision 375

IMDG: UN 3077 Environmentally Hazardous Substance, Solid, n.o.s. (Flumioxazin), 9, III, Marine Pollutant

EMS NO: F-A, S-F

SECTION 15: REGULATORY INFORMATION

EPA FIFRA signal word: Caution

- Keep out of reach of children
- Harmful if inhaled or absorbed through skin
- Causes moderate eye irritation
- Avoid breathing dust or spray mist
- Avoid contact with eyes, skin and clothing

Pesticide regulations: All pesticides are governed under FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act). Therefore, the regulations presented below are pertinent only when handled outside of the normal use and applications of pesticides. This includes waste streams resulting from manufacturing/formulation facilities, spills or misuse of products, and storage of large quantities of products containing hazardous or extremely hazardous substances.

U.S. Federal regulations: Ingredients in this product are reviewed against an inclusive list of federal regulations. Therefore, the user should consult appropriate authorities. The federal regulations reviewed include: Clean Water Act, SARA, CERCLA, RCRA, DOT, TSCA, and OSHA.

SECTION 16: OTHER INFORMATION

SDS Date: December 6, 2024

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.