



江苏好收成韦恩农化股份有限公司

JIANGSU GOOD HARVEST-WEIEN AGROCHEMICAL CO.,LTD.

Http://www.good-harvest.cn

E-mail: GH@good-harvest.cn

MATERIAL SAFETY DATA SHEET

1. SUBSTANCE IDENTIFICATION

Product Name : Glufosinate-ammonium 200g/l SL

Chemical Type: Organophosphorus ; Herbicide

Manufacturer: JIANGSU GOOD HARVEST-WEIEN AGROCHEMICAL CO., LTD.

Add: Laogang, Qidong City, Jiangsu, China 226221

Tel: 0086-513-83883399

Fax:0086-513-83883309

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2. COMPOSITION INFORMATION

Glufosinate-ammonium200 g/L

Inert Ingredientsto 100%

CAS Number: 77182-82-2

3. HAZARDS IDENTIFICATION

Symptoms of Acute Toxicity

Swallowed: Harmful if swallowed

Eye: May cause irritation

Skin: May cause skin irritation. May be harmful if absorbed through the skin.

Inhaled: Harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Symptoms of Chronic Exposure: Not available

4. FIRST AID MEASURES

In case of poisoning by any route contact a doctor or Poisons Information Centre

Swallowed: Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if able to swallow.

Do not give anything by mouth to an unconscious person

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Eye: 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. Call a poison control center or doctor for treatment advice.

Skin: 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.

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

Advise to Doctor: No specific antidote is available. If poisoning is suspected apply symptomatic therapy. Contact Poisons Information Centre for more information.

5. FIRE FIGHTING MEASURES

Dangerous Goods Class: None allocated

Extinguishing media: Extinguish fire using carbon dioxide, foam or dry agent. If not available, use waterfog or fine water spray. If containers are ruptured contain all runoff.

Special exposure hazards: Intact containers exposed to excessive heat should be cooled with water to reduce drum pressure.

Fire and Explosive Properties: Product is unlikely to decompose until heated to dryness. On further heating will emit toxic fumes. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke.

Flammability: Non-flammable

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak: Control the spill at its source. Contain the spill to prevent it from spreading, contaminating soil, or entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Sweep up material and place in a compatible disposal container. Scrub area with a hard water detergent. Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposal.

7. HANDLING AND STORAGE

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Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Ingestion: Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin Contact: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

Inhalation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. Always ensure adequate ventilation. An organic vapour cartridge may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Personal Protection Requirements:

Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight (M. Wt.): 198.1574

Color: *blue*

Physical State: *liquid*

Odor: *a slightly pungent odor*

Melting point : *not available*

Boiling point: *not available*

Density: *1.1g/ml*

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Solubility in water /organic solvents: *soluble in water and other organic solvent*

Explosivity: *Not explosive*

10. STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and pressures

Conditions to avoid: Avoid sources of ignition and extreme heat.

Materials to avoid: Avoid contact with strong oxidising agents, acids or bases.

Hazardous Decomposition Products: Product is likely to decompose after heating to dryness and continued strong heating and will emit toxic fumes (oxides of phosphorous, sulfur, carbon and nitrogen).

Hazardous Polymerisation: Will not occur

11. TOXICOLOGICAL INFORMATION

LD50 Information (based on active ingredient)

Oral LD50	5000 mg/kg (rat)
Dermal LD50	>2000 mg/kg (rat)
Inhaled LC50	3.82 mg/L (rat)

Irritation: non –irritation to eye (rabbit)
non –irritation to Skin (rabbit)

Sensitisation: not a sensitizer

Mutagenicity: Not a known mutagen

Reproductive Toxicity: Not a known teratogen

Carcinogenicity: Not a known carcinogen

12. ECOLOGICAL INFORMATION

Mobility: Relatively immobile

Persistence: DT50 8 days in soil

Bioaccumulation: Does not bioaccumulate

Ecotoxicity: Low toxicity to aquatic organism

Other adverse Effects: N/A

13. DISPOSAL CONSIDERATIONS

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to regional or local body bylaws.

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14. TRANSPORT INFORMATION

UN Number: None Allocated

UN Shipping Name: None Allocated

UN Classification: None Allocated

UN Packing Group: None Allocated

15. REGULATORY INFORMATION

Follow all local/regional/national/international regulations.

16. OTHER INFORMATION

Always read the product label before use.

END OF MSDS

MANUFACTURER:

JIANGSU GOOD HARVEST-WEIEN AGROCHEMICAL CO., LTD.

(STAMP):

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