



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. PRODUCT AND COMPANY IDENTIFICATION

Product Name: STORM GLYPHOSATE 540 LIQUID HERBICIDE

Chemical Type: N-(phosphonomethyl)-glycine potassium; herbicide

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

Add: Laogang, Qidong City, Jiangsu, China 226221

Tel: 0086-513-83883399

Fax: 0086-513-83883309

E-mail: GH@good-harvest.cn

www.good-harvest.com

2. COMPOSITION INFORMATION

Ingredient: N-(phosphonomethyl) glycine potassium, Glyphosate potassium

Percent: 540g/L

CAS Number: glyphosate 1071-83-6

3. HAZARDS IDENTIFICATION

Symptoms of Acute Toxicity

Ingestion may cause gastrointestinal discomfort with irritation of the mouth. Nausea, vomiting and diarrhoea are also symptomatic. Shock is a feature of severe poisoning.

Swallowed: May be harmful if swallowed

Eye: May cause irritation

Skin: Unlikely to cause harm

Inhaled: Unlikely to be inhaled. May cause harm if inhaled in large amounts.

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: If large quantities are ingested, drink plenty of water. Immediately contact a doctor or Poisons Information Centre.

Eye: Flush eyes with large quantities of water for 15 minutes. Seek medical advice.

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Skin: If contact occurs remove contaminated clothing and wash affected areas thoroughly with soap and water. Consult a doctor if irritation persists.

Inhaled: Move affected person to fresh air and keep at rest until recovered.

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: Fine water spray or foam.

Unsuitable extinguishing media: None

Special exposure hazards: None

Fire and Explosive Properties: May form hazardous decomposition products

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

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,



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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:

Respiratory Protection (Vapour) Not required

Eye/Face Protection Required

Skin Protection Advised

9. PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight (M. Wt.): Glyphosate = 169.1

Color: *Yellow*

Physical State: *Liquid*

Odor: *None*

Flash point: *Does not flash*

Explosivity: *Not explosive*

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Do not store in mild steel or galvanised steel

Materials to avoid: As above

Hazardous Decomposition Products: May be formed at high temperatures



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Hazardous Polymerisation: Will not occur

11. TOXICOLOGICAL INFORMATION

LD50 Information (based on active ingredient) Oral LD50 >2500 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rat)

Inhaled LC50 >1.3 mg/L (rat)

Irritation: Moderate –irritation to eye (rabbit)

non –irritation to Skin (rabbit)

Sensitisation: No sensitizer to mouse

Mutagenicity: Not a known mutagen

Reproductive Toxicity: Not a known teratogen

Carcinogenicity: Not a known carcinogen

Toxicological Classification : Slight Hazardous (WHO Toxicological Classification)

12. ECOLOGICAL INFORMATION

Sub-chronic toxicity: Oral LD50>1000 mg/kg (rat)

Dermal LD50>1000 mg/kg (rabbit)

Toxicity to Birds: Oral LD50 > 4640 mg/kg (Bobwhite quail)

Toxicity to Bees: Oral LD50 > 100 µg/bee

Toxicity to Fish: 96–hr LC50 >15 mg/L (Rainbow trout)

Mobility: Relatively immobile

Persistence: DT50 3 - 174 days glyphosate

Bioaccumulation: Does not bioaccumulate

Ecotoxicity: The results of single exposure (acute) environmental toxicity studies indicate that glyphosate is no more than slightly toxic to a variety of fish and invertebrates.

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

Other Information: not available

THE END OF MSDS