

Spinochem Tech Co.Ltd

Add: No 2278,Zhaochong Rd, Shanghai, China.

Material Safety Data Sheet

Glyphosate ammonium salt 757 G/KG WDG

Section 1 – Chemical product and company identification

PRODUCT NAME:

Glyphosate ammonium salt 757 G/KG WDG

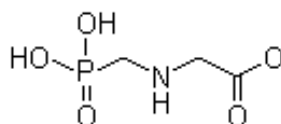
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Section 2 - Composition, Information on Ingredients

Components	CAS Number	(Proportion, %)
Glyphosate	[1071-83-6]	75.7
Other ingredients		up to 100

Structural formula:



Molecular formula: C₃H₈NO₅P

Molecular Weight: 168.07

Chemical Abstracts name:

N-(phosphonomethyl)glycine

IUPAC name:

N-(phosphonomethyl)glycine

Section 3 - Hazards Identification

Toxicological classification: WHO III, EPA (formulation) III

Inhalation: No data on absorption through inhalation are available.

Oral: It is practically nontoxic by oral.

Dermal: It can cause eye irritation.

Ingestion: It is practically nontoxic by ingestion.

Section 4 - First Aid Measures

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin Contact:

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Flush skin with water after contact. Wash contaminated clothing before reuse.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Ingestion: If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person.

Section 5 - Fire Fighting Measures

Flammable properties

Flash point: > 200 F (>93C)

Extinguishing media: Water spray, Foam, Dry Chemical, CO₂.

Fire fighting instructions:

Wear self-contained breathing apparatus. Wear full protective equipment.

Section 6 - Accidental Release Measures

Safeguards (Personnel)

Note: Review Fire Fighting Measures and Handling (Personnel) sections before proceeding with clean-up. Use appropriate Personal Protective Equipment during clean-up.

Spill Clean Up: Small spills-for a spill less than one gallon on floor or other impervious surface, collect with suitable tools and discard in the trash. Clean the spill area with soap and water and rinse the area thoroughly.

Large spill: Should be contained into a box and dispose of in accordance with the instructions provided under Disposal. Thoroughly scrub floor or surface contaminated with a strong industrial detergent and rinse with water.

Section 7 - Handling and Storage

Handling (Personnel): Do not get in eyes, on skin or clothing. Avoid breathing vapors or mist. Wash thoroughly after handling. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material. Wash clothing before use.

Handling (Physical aspects): 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 disposing of equipment washwaters

Storage: Should be transported and stored in clearly labelled, rigid leak-proof containers made of stainless steel, aluminum, fibreglass, plastic or plastic lined steel. Do not store in galvanized or unlined steel containers.

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Section 8 - Exposure Controls, Personal Protection

Personal Protective Equipment:

Hand gloves, impervious overclothing, side-covered safety glasses and approved respirator.

Section 9 - Physical and Chemical Properties

Appearance: Light yellow granule

Odor: Odorless

Density: 0.98 g/cm³

PH: 4.0-6.0

Solubility in Water: completely soluble in water.

Flammability: Not flammable

Boling point: > 95°C

Incompatibilities: Slightly reactive to reactive with alkalis. Reacts with galvanised steel or unlined mild steel to produce hydrogen.

Section 10 - Stability and Reactivity

Chemical stability: Stable at normal temperatures and storage conditions.

Incompatibility with other materials: Spray solutions of this product should be mixed, and stored, or applied using only stainless steel, aluminum, fiberglass, plastic or plastic-lined containers. Do not mix, store or apply this product or spray solutions of this product in galvanized or unlined steel (except stainless steel) containers or spray tank. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

Section 11 - Toxicological Information

Single exposure (acute) studies indicate:

Oral- Rat LD₅₀ >5000mg/kg, practically non-toxic.

Dermal- Rat LD₅₀ >2000mg/kg, practically non-toxic.

Inhalation: > 2.0 mg/L (Rats)

Eye irritation: Mild irritating (Rabbit)

Skin irritation: Mild irritating (Rabbit)

Skin sensitivity: Not a sensitizer (Guinea Pig)

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Section 12 - Ecological Information

Birds: Glyphosate is slightly toxic to wild birds.

The dietary LC₅₀ in both mallards and bobwhite quail is greater than 4500 ppm.

Bird (Mallard Duck) Reproduction NOEC >1,000 ppm

Bird (Bobwhite Quail) Reproduction NOEC >1,000 ppm

Bees: Dermal LD₅₀ is greater than 0.1 mg/ bee

Earthworms: Acute toxicity: LC₅₀ > 480 mg /kg

Section 13 - Disposal Considerations

Waste Disposal

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable regulations.

Plastic bag retains vapour and product residue. Observe all labeled safeguards until bag is cleaned, reconditioned or destroyed. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed, by other procedures approved by local authority, by burning. If burned, stay out of smoke.

Section 14 - Transport Information

Non-dangerous chemicals

Section 15 - Regulatory Information

EC risk:

Xn - Harmful: R41

N - Dangerous for the environment: R51, R53

EC safety:

S2, S26, S39, S61

Section 16 - Additional Information

This MSDS 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 MSDS and consider the information in the context of 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

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ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.