
MATERIAL SAFETY DATA SHEET

FOR 62% GLYPHOSATE IPA SALT

Section 1. Product and Company Identification

Product Name: Glyphosate 62% IPA SALT

Use Catalogue: Herbicide

Section 2. Composition/Information on Ingredients

Chemical Name :Isopropylamine salt of Glyphosate

CAS Number: 38641-94-0

Section 3. Hazards Identification

Route of Entry: Skin absorption, skin contact, eye contact, inhalation, ingestion

Acute Oral LD₅₀: >5000mg/kg in rats

Dermal Contact LD₅₀: >5000mg/kg in rats

Inhalation LC₅₀ (4h): >1.3mg/L in rats

Eye Irritation : Slightly-irritating.

Skin Irritation: Non-irritating.

Section 4. First Aid Measures

Ingestion: If the victim is convulsing or unconscious, administer a glass of water; ensure that the victim's airway is open and if symptoms developed, call a physician immediately.

Eye contact: Immediately rinse eyes with a large amount of running water for at least 15 minutes. Hold eyelids apart to rinse the entire surface of the eyes and the lids. Call a physician immediately if symptoms developed.

Skin Contact: Remove all contaminated clothing. Wash with plenty of soap and water, including hair and under fingernails. Call a physician immediately if symptoms developed.

Inhalation: Immediately leave the contaminated area, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately if symptoms developed.

Note to Physician: No special advice. Treat symptoms.

Section 5. Fire Fighting Measures

Flash Point: Not available

Extinguishing Media : Water spray, CO₂ dry chemical and foam.

Special Fighting Procedures: Keep out of smoke. Cool exposed containers with water spray. Fight fire from upwind position. Use self-contained breathing equipment. Contain runoff by diking to prevent entry into sewers or waterways. Equipment or materials involved in pesticide fires may become contaminated.

Section 6. Accidental Release Measures

Isolate area and keep unauthorized people away. Do not walk through spilled material. Avoid breathing dust and skin contact. Remove sources of ignition if combustible or flammable vapors may be present and ventilate area. Wear proper protective

equipment. Dike contaminated area with absorbent granules, soil, sand, etc.
If spill large, material should be recovered.
Small spills can be absorbed with absorbent granules, spill control pads, or any absorbent material. Carefully sweep up absorbed spilled material. Place in covered container for reuse or disposal. Scrub contaminated area with detergent and bleach solution and/or detergent and lye in water solution. Repeat. Rinse with water. Use dry absorbent material such as clay granules to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, sewers, or other waterways or contact vegetation

Section 7. Handling And Storage

Handling (Personnel): Avoid breathing vapors or mist. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. Washing thoroughly after handling this product.
Users Should: 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 personal protective equipment immediately after handling this product. Wash the outside of gloves before removing.
Storage: Store in a cool and dry place out of reach of children. Keep container tightly closed. Provide storage with automatic extinguishing system. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

Section 8. Exposure Controls/Personal Protection

Users or anyone who has to handling or contacting with this product should firstly read the personal protection. While handling, using and fighting fire of this product, cleaning equipments, mixing or loading, following personal protective equipment should be used:

Personal Protective Equipment:

Eye and face protections: Wear chemical goggles and mask

Skin protections: Long-sleeved shirt and long pants waterproof gloves chemical-resistant footwear. Wash contaminated skin promptly. Launder contaminated clothing and clean protective equipment before reuse. Wash hand thoroughly after handling.

Section 9. Physical and Chemical Properties

Physical state: Oil liquid

Color: Yellow

Solubility: Miscible in water

Flammability: Not flammable

Explosivity: Not explosive

Section 10. Stability and Reactivity

Stability: Stable under normal condition.

Hazardous Polymerization: Will not occur.

Incompatibilities: Not known.

Corrosive: Not found.

Section 11. Toxicological Information

Glyphosate IPA was practically nontoxic orally (rat) or after skin application (rabbit). It was nonirritating to rabbit eyes and practically nonirritating to rabbit skin. In repeat dosing studies, (6 month), dogs fed Glyphosate IPA exhibited slight body weight changes. Following repeat skin exposure (3weeks) to Glyphosate IPA, skin irritation was the primary effect in rabbits. Additional toxicity information is available on glyphosate, the active herbicidal ingredient of Glyphosate IPA, which has been tested in mutagenicity, teratogenicity, reproductive, acute, subchronic and chronic toxicity studies.

Section 12. Ecological Information

Toxicity to Fish: LC₅₀ (96h) for trout and bluegill sunfish >1000mg/L.

Toxicity to Daphnia: LC₅₀ (48h) 930mg/L.

Toxicity to worms: LC₅₀ (14d) for *Eisenia foetida* >5000mg/kg soil.

Toxicity to Algae: EC₅₀ (72h) for *Scenedesmus subspicatus* 72.9mg/L.

Section 13. Disposal Considerations

Dispose of containers as follows: Plastic Jugs: Triple rinse container. Then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If bumed, stay out of smoke. Bulk Containers: Triple rinse emptied bulk containers. Then offer for recycling or reconditioning or dispose of in a manner approved by State and local authorities. Do not contaminate water, food, or feed by storage or disposal. Do not store near fertilizers, seeds, insecticides or fungicides.

Section 14. Transport Information

IMC Proper Shipping Name: Glyphosate 62% IPA

UN Hazard Class: Not applicable

UN No: Not applicable

UN Packing Group: Not applicable

Section 15. Regulatory Information

For the latest regulatory information, please contact us.

Section 16. Other Information

Not available.

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