



四川省乐山市福华通达农药科技有限公司  
SICHUAN LESHAN FUHUA TONGDA AGRO-CHEMICAL TECHNOLOGY CO., LTD.

## Material Safety Data Sheet

This information is based upon technical information believed to be reliable.  
It is subject to revision as additional knowledge and experience as gained.

### Glyphosate potassium salt 625g/l SL

#### SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product Name:** Glyphosate Potassium salt 625g/l SL  
**Company Name:** SICHUAN LESHAN FUHUA TONGDA AGRO-CHEMICAL TECHNOLOGY CO., LTD.  
**Address:** Qiaogou Town, Wutongqiao District, Leshan City, Sichuan Province, China.  
**Telephone/Fax** Tel: +86-833-3352686  
**Number:** Fax: +86-833-335268 6

#### SECTION 2. HAZARDS IDENTIFICATION

<b>GHS classification of the substance/mixture</b>	Not classified (oral/dermal)
<b>Signal Word (s)</b>	Skin Corrosion/Irritation: Not classified WARNING
<b>Hazard Statement (s)</b>	Not classified Causes skin irritation.
<b>General Precautionary Statement (s)</b>	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.
<b>Pictogram (s)</b>	Exclamation mark
<b>Precautionary statement – Prevention</b>	Wash hands and exposed skin thoroughly after handling. Wear protective gloves, clothing, and eye and face protection.
<b>Precautionary statement – Response</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If on skin: Wash with plenty of soap and water.



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If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

### Other Information

Poisons Schedule S5

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product name	CAS No.	Content, g/l
Glyphosate potassium salt	70901-12-1	625g/L
Surfactant	/	Up to 1L

## SECTION 4. FIRST AID MEASURES

<b>Inhalation</b>	Remove affected person to fresh air until recovered. If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label. Make every effort to prevent vomit from entering the lungs by careful placement of the patient.
<b>Ingestion</b>	Do not give anything by mouth to a semi-conscious or unconscious person. Give a glass of water.
<b>Skin</b>	Wash affected areas thoroughly with soap and water. If irritation persists, seek medical advice.
<b>Eye contact</b>	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice.
<b>First Aid Facilities</b>	If poisoning occurs, contact a doctor.
<b>Advice to Doctor</b>	Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	If involved in a fire, the product will not burn. Choose extinguishing media to suit the burning material. Water, foam, carbon dioxide or dry chemical.
<b>Hazards from Combustion Products</b>	Keep upwind. This product, or spray solutions of this product, react with galvanised steel or unlined steel (except stainless steel) containers and tanks, to produce hydrogen gas which may form a highly flammable or explosive gas mixture. If involved in a major fire, could evolve oxides of nitrogen or phosphorus.



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**Special Protective Equipment** Breathable air apparatus may have to be worn if material is involved in fires for fire fighters especially in confined spaces.

**Other Information** Top fire water from entering drains or water bodies.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal** Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite).  
Collect in sealed open top containers for disposal.  
Final clean-up with degreasing agent or detergent is advised.

**Environmental Precautions** Prevent from entering drains, waterways or sewers.

### SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** For personal protective equipment (PPE) and hygiene advice, refer Section 8.  
Store in the closed, original container in a dry, well-ventilated area out of direct sunlight.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly sealed and do not store with seed, fertilizers or foodstuffs.

**Other Information:** Always read the label and any attached leaflet before use.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational exposure limit values:** No exposure standard has been established for this product.

**Appropriate engineering controls:** No special ventilation required.  
When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, nitrile or elbow-length PVC gloves and face shield or goggles.

**Personal Protective Equipment** After each day's use, wash contaminated clothing and safety equipment.

**Hygiene Measures** After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

**Special Training** Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.



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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	blue transparent liquid
Content of Glyphosate potassium salt, g/l:	625.0±25.0
pH range:	4.7-6.0
Specific gravity (20°C):	1.33-1.39
Persistent foam, ml:	≤40.0
Content of Formaldehyde, g/kg:	≤10.0
Solution stability (20times):	Qualified
Stability at 0°C	Qualified
Stability at elevated temperature	Qualified

## SECTION 10. STABILITY AND REACTIVITY

- Incompatible Material:** Corrosive to mild steel, galvanized steel and zinc.  
Non corrosive to stainless steel, polyethylene and plastics. Do not mix, store or apply the product or spray solutions of the product ingalvanised steel or unlined steel (except stainless steel) containers or spray tanks.
- Hazardous Polymerization:** Hazardous polymerization is not possible.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity:

Oral LD <sub>50</sub> -Rat	5000 mg/kg
Dermal LD <sub>50</sub> -Rat	> 2000 mg/kg
Inhalation LC <sub>50</sub> -Rat	> 5.415 mg/l
Skin irritation-Rabbit	Mild irritant
Eye irritation-Rabbit	Not irritant
Sensitization-Guinea pigs:	Not a sensitizer

## SECTION 12. ECOLOGICAL INFORMATION

- Persistence and degradability:** Adsorption studies indicate that glyphosate has very low mobility.  
Average field half-life of glyphosate is 47 days.



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**Known Harmful Effects on the Environment:** Harmful to fish and other aquatic organisms (mainly due to the surfactant).

**Other Precautions:**

Do not spray in high winds. Do not contaminate dams, waterways or sewers with this product.

**Environmental Protection:**

Glyphosate is a non-selective contact herbicide. Spray drift can cause damage, read the label for more information.

**Acute Toxicity – Fish:**

LC<sub>50</sub> (96h) for zebra fish > 100 mg a.i. /L.

**Acute Toxicity – Birds:**

LD<sub>50</sub> for Japanese quail is >2000 mg/kg

**Acute Toxicity – Honeybees:**

LD<sub>50</sub> >207.4 µg/bee.

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Product Disposal

On site disposal of the concentrated product is not acceptable.

Ideally, the product should be used for its intended purpose. If there is need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals.

Do not use this container for any other purpose.

Triple or preferably pressure rinse containers before disposal. Add rinsing's to the spray tank.

If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal at an approved waste management facility.

If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations.

#### Container Disposal

Empty containers and product should not be burnt.

DrumMUSTER is the national program for the collection and recycling of empty, cleaned, non-returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program.

Returnable containers: empty contents fully into application equipment. Replace cap, close all valves and return to the point of supply for refill or storage.





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**SECTION 14. TRANSPORT INFORMATION**

**Transport Information** It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.

**Storage and Transport** Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**SECTION 15. REGULATORY INFORMATION**

IMO  
Non-hazardous for sea transport  
Non-hazardous for air transport.

**SECTION 16. OTHER INFORMATION**

This MSDS describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

===== **END OF MSDS** =====

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