



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:wechem@pub.nt.jsinfo.net

## MATERIAL SAFETY DATA SHEET

### 1. SUBSTANCE IDENTIFICATION

**Product Name:** GLYPHOSATE IPA SALT 41% SL/ GLYPHOSATE IPA SALT 480 SL

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

Add: Laogang, Qidong City, Jiangsu, China 226221

Tel: 0086-513-83889079

Fax:0086-513-83883309

E- mail: [GH@good-harvest.cn](mailto:GH@good-harvest.cn)

<http://www.good-harvest.cn>

### 2. COMPOSITION INFORMATION

Glyphosate: N-(phosphono-methyl)glycine, Isopropylamine Salt.....41.0% W/W(480g/L)

Inert Ingredients, ..... 59.0% W/W

TOTAL: 100%

CAS NO. : 38641-94-0

### 3. HAZARDS IDENTIFICATION

#### Symptoms of Acute Toxicity

Ingestion may cause gastrointestinal discomfort with irritation of the mouth. Nausea, vomiting

**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.

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

Address: Laogang,Qidong city, Jiangsu,226221China Tel:0086-513-83883399 Fax:0086-513-83883309



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**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.

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## 5. FIRE FIGHTING MEASURES

**FLASH POINT:** None

**FLAMMABLE LIMITS:** Not applicable

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, Dry Chemical

**FIRE AND EXPLOSION HAZARDS:** Foam fire extinguishing system is preferred because uncontrolled water can spread possible contamination. Toxic irritating gases may be formed under fire conditions.

**FIRE-FIGHTING EQUIPMENT:** Use positive-pressure, selfcontained breathing apparatus and full protective equipment.

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## 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. Cover entire spill with absorbing material and place into 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.

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## 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.

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## 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**



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## 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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, pale yellow liquid

**pH:** 4.5-6.8

**ODOR:** None

**FLASH POINT:** None

**SOLUBILITY IN WATER:** Miscible

**SPECIFIC GRAVITY:** 1.17

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## 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

**Hazardous Polymerisation:** Will not occur



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## 11. TOXICOLOGICAL INFORMATION

**LD50 Information** (based on active ingredient)

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (ratt)

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

non –irritation to Skin (rabbit)

**Sensitisation:** slight skin sensitization

**Mutagenicity:** Not a known mutagen

**Reproductive Toxicity:** Not a known teratogen

**Carcinogenicity:** Not a known carcinogen

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## 12. ECOLOGICAL INFORMATION

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 is between 10 and 100 mg/L in most sensitive species).

Acute LC50 for rainbow trout (*Oncorhynchus mykiss*) is 60 mg/L.

Material is practically non-toxic to birds on an acute basis (LD50 is >2000 mg/kg).

Acute oral LD50 in bobwhite (*Colinus virginianus*) is >2000 mg/kg.

The LC50 in earthworm *Eisenia foetida* is >1000 mg/kg.

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## 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:** Toxicity class WHO (a.i.) U EPA (formulation) III

**UN Packing Group:** None Allocated

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## 15. REGULATORY INFORMATION

Follow all local/regional/national/international regulations



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**16. OTHER INFORMATION**

Always read the product label before use.

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***END OF MSDS***

**MANUFACTURER:**

**JIANGSU GOOD HARVEST-WEIEN AGROCHEMICAL CO.,LTD.**

(STAMP):