



## MATERIAL SAFETY DATA SHEET

Date of Issue: 07.12.2007

### STATEMENT OF HAZARDOUS NATURE

Classified as hazardous according to criteria of Worksafe Australia

### COMPANY NAME & ADDRESS

Multicrop (Aust.) Pty Ltd  
PO Box 302  
Bayswater  
Victoria 3153,

Tel : (03) 8720 2100  
Fax : (03) 9720 5051  
Poisons Information Centre Tel : 13 11 26

### PRODUCT IDENTIFICATION

**Product Name** : MULTICROP GLYPHOSATE 360 Weed Killer 1L  
Manufact Product Code : 65-001  
APN Code : 9310202666661  
U.N. Number : None  
Dangerous Goods Class : None  
Subsidiary Risk : None  
Hazchem Code : None  
Poisons Schedule No. : S5  
Use : Non residual herbicide

### PHYSICAL PROPERTIES & DESCRIPTION

Form : Aqueous solution  
Colour : Clear amber viscous liquid  
Odour : Slight amine odour  
Melting Point : N/A  
Boiling Point : >100°C (water only)  
Vapour Press kPa @25C : Not available  
Specific Gravity : 1.174  
Flashpoint (C) : Not flammable  
Flammability Limit % : Not applicable  
Solubility in Water : Soluble in water

Ingredients	Chemical	CAS No.	Proportion
	Glyphosate	1071-83-6	36%
	Surfactant	~10%	
	WATER	7732-18-5	Up to 100%

## **HEALTH HAZARD INFORMATION**

### **HEALTH EFFECTS :**

#### **Information on Toxicity:**

Oral LD50 > 5,000mg/Kg (Rat)  
Percutaneous LD50 >5,000mg/Kg (Rabbit)

**Other Information** : The Australian Acceptable Daily Intake (ADI) for glyphosate for a human is 0.3mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 30 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref : Com Dept of Health and Ageing, ADI List, TGA, August 2003).

*This data refers to technical grade active constituents*

### **ACUTE EFFECTS:**

Swallowed : The concentrate is of low toxicity if swallowed. Amounts swallowed incidental to normal handling procedures and use are not expected to cause injury. Possible symptoms of exposure include: nausea, vomiting and gastrointestinal discomfort and diarrhoea. Ingestion of a large quantity of the undiluted product may result in hypotension and pulmonary oedema.

Eyes : The concentrate may cause irritation of the eyes. Prolonged contact with the concentrate may cause damage to the eye.

Skin : The concentrated product may cause slight irritation on contact. Prolonged contact is likely to result in irritation.

Inhaled : When applying the product as a spray avoid breathing in spray mists. May cause irritation to mucous membranes and respiratory tract.

**CHRONIC EFFECTS** : Insufficient data is available to allow satisfactory documentation of effects.

#### **First Aid:**

Swallowed : If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label or contact the Poisons Information Centre on 131126. Make every effort to prevent vomit from entering the lungs by careful placement of the patient. Do not give anything by mouth to a semi-conscious or unconscious person. Give a glass of water.

Eyes : If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice.

Skin : Wash affected areas thoroughly with soap and water. If irritation persists, seek medical advice.

Inhaled : Remove affected person to fresh air until recovered. Seek medical attention.

Aid Facilities : Seek advice from Poisons Information Centre in each State capital city.

**ADVICE TO DOCTOR** : TREAT SYMPTOMATICALLY.

### **PRECAUTIONS FOR USE**

Exposure Standards : No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe).

Engineering Controls : Natural ventilation should be adequate under normal conditions. No special ventilation required

Personal Protection : Avoid contact with eyes and skin. When preparing product for use wear elbow-length gloves and face shield or goggles. When using controlled droplet applicator, wear protective waterproof clothing and impervious footwear. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use wash gloves, face shield or goggles and contaminated clothing.

Flammability : The product is not flammable.

### **SAFE HANDLING INFORMATION**

**Storage & Transport** : Store in closed, original container in a dry, well, ventilated area out of direct sunlight. Keep container tightly sealed and do not store with seed, fertilisers or foodstuffs. Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**Spills & Disposal** : Dispose of empty container by wrapping in paper, placing in plastic bag and putting in garbage. Contain any spillage and absorb with clay, sand, earth or inert absorbent. Scoop into sealable container for disposal in designated land-fill in accordance with local, State and Federal Regulations. Final clean-up with degreasing agent or detergent is advised.

**Fire/Explosion Hazard** : 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 combustible gas mixture. Breathable air apparatus may be required if material is involved in fires especially in confined spaces. Keep upwind.

**Extinguishing Media** : 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.

**Reactivity Data** : Avoid contact of the concentrate with strong alkalis and alkaline materials such as lime. Contact may release isopropylamine vapour with a strong fish like odour, which is an irritant to eyes. Isopropylamine is moderately toxic, LD50 (oral, rat) is 820 mg/kg and a TLV of 5 ppm (TWA) has been set. Corrosive to mild steel, galvanised steel and zinc.

## **OTHER INFORMATION**

Harmful to fish and other aquatic organisms (mainly due to surfactant). Do not contaminate ponds, waterways or ditches.

---

## **DISCLAIMER**

This Material Safety Data Sheet has been developed according to Worksafe Australia / NOHSC Guidelines.

All information is as accurate and up to date as possible. Since Multicrop (Aust.) Pty. Ltd. cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Multicrop (Aust.) Pty. Ltd. will not be responsible for damages of any nature resulting from use of or reliance upon this information.

No expressed or implied warranties are given other than those implied mandatorily by Federal, State or Territory Legislation.

---