



# SUPERWAY GARDEN AG & PEST PRODUCTS PTY

ABN: 24 056 553 274

Shed 6 - Cnr Roys Rd & Moroney Place

PO Box 183, Beerwah Q 4519

Ph: 07 5439 0355

Fax: 07 5439 0366

Geoff Mobile: 0438 045 824

Steve Mobile: 0438 045 825

Email: [msd@superway.com.au](mailto:msd@superway.com.au)

## MATERIAL SAFETY DATA SHEET

14/7/2016

### 1. IDENTIFICATION

Product Name **Superway Glyphosate CT 450 Herbicide**

Chemical Name Glyphosate (present as the isopropylamine salt) nonionic penetrant/ surfactants, Water

Chemical Class N/A

Hazchem Code N/A

UN No N/A

Dangerous Goods Code N/A

Sub.Risk Class N/A

Packaging Group N/A

EPG N/A

Poison Schedule S5 (Federal)

GT EPG N/A

Spec EPG N/A

NIOSH N/A

NFPA 2-2-0

Tremcard N/A

**Use:** A non-residual knockdown herbicide for the control of annual and perennial weeds

### Physical Appearance and Properties.

Appearance and Odour Clear yellowish liquid with faint amine odour.

Boiling Point >100o C (water only)

Melting Range -10oC

Vapour Pressure Active ingredient considered non volatile

Volatile Component 50% water only

Flash point none

Specific Gravity 1.15

Flammability limits	N/A
Explosive Limits	N/A
Autoignition Temp	N/A
Rel. Vapour Density	Water only
Form	Liquid

### **Ingredients**

<u>Chemical entity</u>	<u>CAS No:</u>	<u>Proportion</u>
Glyphosate as the Isopropylamine salt	38641-94-0	45%
Inert components and water		to 100%

## **11. HEALTH HAZARD DATA**

### **Health effects.**

**Eye** May cause moderate irritation but permanent damage not anticipated.

**Skin** May cause moderate irritation.

**Inhalation** Avoid breathing in spray mists.

**Swallowed:** Not considered a serious hazard

### **Chronic Effects**

Acute overexposure: No significant effects have been documented at levels up to 2000mg/kg

Chronic Over exposure: Insufficient data is available to allow satisfactory documentation of effects

## **FIRST AID**

**EYE:** Hold eyes open and irrigate with water for at least 15 minutes.  
Seek medical assistance.

**SKIN:** Remove contaminated clothing. Wash affected areas thoroughly with soap and Water.

**INHALATION:**  
Remove to fresh air until recovered.

**SWALLOWED:**  
If swallowed DO NOT induce vomiting. Give a glass of water.

**OTHER FIRST AID:**  
If poisoning occurs contact doctor or Poisons Information Centre on

**Ph 131126**

**ADVISE TO DOCTOR:**

Treat symptomatically.

**TOXICITY DATA:**

Glyphosate (present as the isopropylamine salt):

Very low toxicity.

Acute oral LD50 (rats): 5600mg/kg

Acute percutaneous LD50 (rabbits) > 5000mg/kg

Toxicity to fish: Not toxic to fish

Toxicity to bees Not toxic to bees

**111. PRECAUTIONS FOR USE**

**Exposure standards:**

A time weighted average (TWA) concentration for an 8 hour day and 5 day week has not been established by Worksafe Australia for any ingredients in this product. There is a blanket recommendation of 10mg/m<sup>3</sup> for inspirable dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use. (Refer to ingredients on page 1 of this data sheet)

**Engineering controls:**

Ensure adequate ventilation during mixing and use.

**Personal protection:**

Avoid contact with eyes and skin. Safety glasses or goggles, PVC or rubber gloves are recommended when handling any chemicals. Wear long sleeves, long trousers and suitable footwear.

**Environment:**

Do not re-use container for any purpose. Destroy when empty. Do not contaminate dams, river or streams with product or used container. Do not use when wind is blowing towards any desirable plants. Do not use with spraying equipment or under meteorological conditions conducive to drift.

Glyphosate is a non- selective herbicide. Spray drift can cause damage. It is largely deactivated once absorbed into the soils.

**Flammability:**

Non flammable.

**IV. SAFE HANDLING INFORMATION**

**Storage and transport:**

**Storage:** Keep the container tightly sealed and do not store with seeds, fertilisers, other pesticides, feed or foodstuffs.

**Transport:** Considered non-hazardous for transport by the Australian code for the transport of Dangerous Goods by Road and Rail.

**Packaging and labelling:**

CAUTION  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING

**Spills And Disposals:**

Contain Spill and absorb with sand or proprietary absorbent (vermiculite).  
Prevent from entering drains, waterways or sewers.  
Collect in sealed open-top containers for disposal.  
Final clean up with de-greasing agent or detergent is advised.

**Reactivity Data:**

Avoid contact of the concentrate with strong alkalis, such contact may release isopropylamine vapour with a strong fish like odour, irritant to eyes.  
Isopropylamine has oral LD50 (rat) 820mg/kg and TLV is 5ppm STEL 10ppm. If involved in strong fires can release nitrogen oxides and oxides of phosphorus.

**Fire/Explosion Hazard.**

**Extinguishing Media:** None required but use water spray to cool containers or personnel threatened by fire.

**Special Fire Fighting procedures:** Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces. Keep up wind.

**Unusual Fire and 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 mixtures.

**V. ADDITIONAL INFORMATION**

**Poisons information centre Phone 131126**

**Superway Garden Products Pty Ltd Head Office Phone (07) 54 390355.**

**Fax (07) 54 390366.**