

MATERIAL SAFETY DATA SHEET

Accensi Pty Ltd	Date Issued: August 2002
Narangba, Qld 4504	Reviewed Date: 11/02/03, 05/06
Phone: (07) 3897 2000	Product Code: GLYAC36BL
www.accensi.com.au	

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Country Glyphosate 360

COMPANY IDENTIFICATION:

Accensi Pty Ltd
Lot 96 Potassium Street
Narangba, Queensland 4504

USE: Non selective control of perennial and annual weeds in certain crops.

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	CAS Reg. No.	Conc.
Glyphosate, present as 1:1 isopropylamine salt	1071-83-6	360g/L
Water	7732-18-5	HIGH
Other ingredients determined non-hazardous.		LOW

Proportion (% weight per weight): VHIGH >60, HIGH 30-60, MED 10-29, LOW 1-9, VLOW <1

3. HAZARDOUS IDENTIFICATIONS:

- Not classified as hazardous according to criteria of Worksafe Australia.

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

EYE: May be an eye irritant.

SKIN: Contact with skin may result in irritation.

INGESTION: No adverse effects expected, however, large amounts may cause nausea and vomiting.

INHALATION: Breathing in mists or aerosols may produce respiratory irritation.

SYSTEMIC (other target organ): According to studies on animals Glyphosate caused no changes in blood, kidneys or liver. The studies were conducted at doses up to 500 mg/kg

CANCER INFORMATION: The EPA has stated that there is sufficient evidence to conclude that Glyphosate is not carcinogenic in humans.

TERATOLOGY (Birth defects): No effects noted.

REPRODUCTIVE EFFECTS: It is unlikely that the compound would produce any reproductive effects in humans.

MUTAGENICITY: This compound poses little mutagenic risk to humans.

4. FIRST AID:

If poisoning occurs, immediately contact a doctor or **Poisons Information Centre (telephone 13 11 26)**, and follow the advice given. Show this Material Safety Data Sheet to a doctor.

EYE: Rinse immediately with plenty of water for at least 15 minutes, holding eye open and taking care to rinse under eyelids as well. If irritation persists seek medical attention.

SKIN: Wash off skin immediately with soap and plenty of water. Remove all contaminated clothing and shoes. Seek medical advice if irritation persists. Launder contaminated clothing before re-use.

INGESTION: Wash out mouth with water. Do not induce vomiting. Keep patient at rest and seek medical advice.

INHALATION: Remove victim to fresh air. Seek medical advice if symptoms are experienced.

NOTE TO PHYSICIAN / FIRST AIDERS: Treat Symptomatically. Note the nature of this product.

5. FIRE FIGHTING MEASURES:

FLASH POINT: Not flammable

EXTINGUISHING MEDIA: Use media suited to burning material.

FIRE AND EXPLOSION HAZARDS: Decomposition products are toxic and corrosive. There is little or no chance of an explosion from this product if involved in a fire.

FIRE-FIGHTING EQUIPMENT: Wear full protective clothing including face mask, face shield and gauntlets.

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6. ACCIDENTAL RELEASE MEASURES:

ACTION TO TAKE FOR SPILLS:

In case of spills it is important to take all steps necessary to:

- Avoid eye and skin contact.
 - Avoid contamination of waterways.
1. Keep all bystanders away.
 2. Wear full-length clothing and PVC gloves.
 3. Reposition any leaking containers so as to minimise further leakage.
 4. Dam and absorb spill with an absorbent material (e.g. sand or soil).
 5. Shovel the absorbed spill into drums and top with hydrated lime.
 6. Disposal of the absorbent material will depend on the extent of the spill.
 - For quantities up to 50L of product bury in a secure land fill site.
 - For quantities greater than 50L seek advice from the manufacturer before attempting disposal. Contain in a secure location until disposal method is established.
 7. Decontaminate spill area with hydrate lime scattered over the spill prior to rinsing off with water.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool dry place away from direct sunlight. Store away from food and food stuffs for animal or human consumption. Store in its original container well sealed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION:

EXPOSURE GUIDELINES: Exposure values at the TWA (Time Weighted Average) means the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. A time weight average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Worksafe Australia for any of the ingredients in this product. There is a blanket recommendation of 10mg/m³ for inspirable dusts or mists when limits have not otherwise been established.

ENGINEERING CONTROLS: In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you

believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING

WORKERS: Avoid skin and eye contact and inhalation of vapour. Wear overalls, chemical goggles and impervious gloves. Use adequate ventilation. Eye washing and shower facilities available.

EYE / FACE PROTECTION: Face and eye protection should be worn. For help in selecting suitable equipment consult AS 1336 and AS/NZS 1337.

SKIN PROTECTION: Wear chemical resistant PVC or nitrile gloves. Wear cotton overalls and washable cotton hat. Wear boots. For help in selecting suitable gloves consult AS 2161 For help in selecting suitable clothing consult AS 2919. For help in selecting boots consult AS/NZS 2210

RESPIRATORY PROTECTION: Use in well-ventilated area. For help in selecting suitable equipment consult AS/NZS 1715.

APPLICATIONS AND ALL OTHER HANDLERS:

After handling this product always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Yellow coloured viscous liquid.

ODOUR: Mild amine odour.

SOLUBILITY IN WATER: Completely soluble in water.

SPECIFIC GRAVITY: 1.162

BOILING POINT: About 100^oC, 100kPa

CORROSIVENESS: Not corrosive

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions. React with oxidising agents.

INCOMPATIBILITY: Avoid strong oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS: This product is unlikely to spontaneously decompose.

HAZARDOUS POLYMERIZATION: This product is unlikely to spontaneously polymerise.

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11. TOXICOLOGICAL INFORMATION:

Glyphosate:
NOEL (No-observable-effects-level): 175mg/kg/day
ADI (Acceptable Daily Level): 0.03 mg/kg (EPA)
0.3 mg/kg/day (WHO)

12. ECOLOGICAL INFORMATION:

ENVIRONMENTAL DATA: Glyphosate is highly absorbed on most soils especially those with organic content. The compound is so strongly attracted to the soil that little is expected to leach from the applied area applied.

ECOTOXICOLOGY:

Glyphosate
Is only slightly toxic to wild birds.
Is practically non-toxic to fish.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHOD: Dispose of empty, used containers by;

- Triple rinsing with water. Add the rinsings to the tank mix or dispose of rinsate in a disposal pit away from desirable plants and roots, and watercourses. On-site disposal of undiluted product is unacceptable.
- Breaking, crushing or puncturing the containers to prevent reuse.
- Disposing of in a local authority, bury landfill site that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers under at least 50cm of soil at a licensed/approved disposal site. DO NOT burn empty containers or product.

14. TRANSPORT INFORMATION:

ROAD AND RAIL TRANSPORT:

Not classified as Dangerous Goods by the criteria of the Australian dangerous goods Code (ADG) for the transport by Road and Rail.

MARINE TRANSPORT:

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods code (IMDG Code) for transport by sea.

AIR TRANSPORT:

Not classified as dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for the transport by air.

15. REGULATORY INFORMATION:

POISON SCHEDULE: S5

- Not classified a hazardous according to criteria of Worksafe Australia.

16. OTHER INFORMATION:

All information in this data sheet is provided in good faith and is believed to be correct. Each user should consider the information in this safety data sheet within the context of their particular application as A&C Rural cannot anticipate or control conditions under which this product may be used. A&C Rural will not be responsible for any damages arising out of the use or reliance upon the information in this safety data sheet. No expressed or implied warranties are given other than those implied mandatory by Commonwealth, State or Territory legislation.

Please read all labels carefully before use.

Contact: **Emergency Services**
Ph: 000

A&C Rural	Ph: (07)3897 2000 Fax: (07) 3897 2022
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