## Section 1 - Identification of The Material and Supplier

**Ezycrop Pty Ltd**
**1402/1 Queens Rd**
**Melbourne, Vic 3004**

***Phone: (03) 9863 8168 (office hours)***
**Mobile: 0458 572 081 (any time)**

**Chemical nature:** Glyphosate is an amino acid derivative, present here as a salt for better water solubility.

**Trade Name:** **Ezycrop Glyphosate 540 Herbicide**

**Product Use:** Agricultural herbicide for use as described on the product label.

**Creation Date:** **February, 2021** and is valid for 5 years from this date.

**Poisons Information Centre: Phone 13 1126 from anywhere in Australia**

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

Classified as Class 9 Miscellaneous Dangerous Goods (UN 3077 or UN 3082, Environmentally Hazardous Substance) by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.
Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in packagings, IBC's, or any other receptacle not exceeding 500 kg(L).

This material is hazardous according to Safe Work Australia; HAZARDOUS CHEMICAL.

### Classification of the chemical:

Eye Irritation - Category 2A
Carcinogenicity - Category 2

The following health/environmental hazard categories fall outside the scope of the Workplace Health and Safety Regulations:
Acute Aquatic Toxicity - Category 2
Chronic Aquatic Toxicity - Category 2

**SIGNAL WORD:** WARNING

**Hazard Statement(s):**
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H411 Toxic to aquatic life with long lasting effects.

**Precautionary Statement(s):**
**Prevention:**
P103 Read label before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash hands thoroughly after handling.
P280 Wear eye protection.
P281 Use personal protective equipment as required.
P273 Avoid release to the environment.

**Response:**
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P391 Collect spillage.

**Storage:**
P405 Store locked up.

**Disposal:**
P501 Dispose of contents and container in accordance with local, regional, national, international regulations.

**Poisons Schedule (SUSMP):** S5 Caution.

## Section 3 - Composition/Information on Ingredients

| Components | CAS Number | Proportion | Hazard Codes |
|---|---|---|---|
| Potassium salt of glyphosate | 70901-12-1 | >60% | H319 H351 H411 |
| Solvent | - | <10% | - |
| Non hazardous component(s) | - | to 100% | - |

## Section 4 - First Aid Measures

### General Information:
For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.
Inhalation:
Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

### Skin Contact:
If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

**Eye Contact:**
If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

**Ingestion:**
Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Never give anything by the mouth to an unconscious patient. Seek medical advice.

**Indication of immediate medical attention and special treatment needed:**
Treat symptomatically.

## Section 5 - Fire Fighting Measures

**Suitable Extinguishing Media:**
Not combustible, however, if material is involved in a fire use: Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.

**Hazchem or Emergency Action Code:** · 3Z

**Specific hazards arising from the chemical:**
Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes, including those of oxides of carbon, oxides of nitrogen. Environmentally hazardous.

**Special protective equipment and precautions for fire-fighters:**
Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Equipment should be thoroughly decontaminated after use.

## Section 6 - Accidental Release Measures

**Emergency procedures/Environmental precautions:**
Clear area of all unprotected personnel. Do not allow container or product to get into drains, sewers, streams or ponds. If contamination of sewers or waterways has occurred advise local emergency services.

**Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:**
Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. After cleaning, flush away any residual traces with water.

## Section 7 - Handling and Storage

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

**Precautions for safe handling:**
Avoid skin and eye contact and breathing in vapour, mists and aerosols. When using do not eat, drink or smoke. Keep out of reach of children. Wash hands thoroughly after handling. Thoroughly clean equipment after use. Launder contaminated clothing before reuse.

**Conditions for safe storage, including any incompatibilities:**
Store in a cool, dry, well ventilated place. Store in the original container, tightly closed and away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

## Section 8 - Exposure Controls and Personal Protection

**Control Parameters**: No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for constituent(s):

2,2'-Oxybis(ethanol); (Diethylene glycol): 8hr TWA = 100 mg/m3 (23 ppm)

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### Appropriate engineering controls:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Workplace Exposure Standards. Keep containers closed when not in use.
If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

### Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, chemical goggles and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
If determined by a risk assessment an inhalation risk exists, wear an organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## Section 9 - Physical and Chemical Properties:

**Physical state:** Clear Liquid
**Colour**: Colourless
**Odour**: Odourless
**Solubility**: Miscible in water.
**Specific Gravity**: 1.362 (liquids only)
**Relative Vapour Density (air=1):** Not available
**Vapour Pressure (20 °C):** Not available
**Flash Point (°C):** Not applicable
**Flammability Limits (%):** Not applicable
**Autoignition Temperature (°C):** Not available
**Boiling Point/Range (°C):** Not available
**pH:** 4.7

## Section 10 - Stability and Reactivity

**Reactivity:** No information available.
**Chemical stability:** Stable under normal conditions of use.
**Possibility of hazardous reactions:** None known.
**Conditions to avoid:** Avoid exposure to direct sunlight. Avoid contact with foodstuffs.
**Incompatible materials:** Incompatible with strong alkalis.
**Hazardous decomposition products:** Oxides of carbon. Oxides of nitrogen.

## Section 11 - Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:
**Ingestion:** No adverse effects expected, however, large amounts may cause nausea and vomiting.
**Eye contact:** An eye irritant.
**Skin contact:** Contact with skin may result in irritation.
Inhalation: Breathing in mists or aerosols may produce respiratory irritation.
**Acute toxicity:** No LD50 data available for the product.
**Chronic effects:** No information available for the product.
Glyphosate has been classified by the International Agency for Research on Cancer (IARC) as a Group 2A carcinogen.
Group 2A - The agent is probably carcinogenic to humans.
**Mutagenicity:** No information available.
**Carcinogenicity:** Suspected of causing cancer.
**Reproductive toxicity:** No information available.
**Specific Target Organ Toxicity (STOT) - single exposure:** No information available.
**Specific Target Organ Toxicity (STOT) - repeated exposure: Aspiration hazard:** No information available.

## Section 12 - Ecological Information

**Ecotoxicity:** Avoid contaminating waterways.
**Persistence/degradability:** No information available.
**Bioaccumulative potential:** No information available.
**Mobility in soil:** No information available.
**Aquatic toxicity:** Toxic to aquatic organisms. May cause long lasting harmful effects to aquatic life.

## Section 13 - Disposal Considerations

### Disposal methods:

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site.
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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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. Do not burn empty containers or product.

## Section 14 - Transport Information

### Road and Rail Transport

Classified as Class 9 Miscellaneous Dangerous Goods (UN 3077 or UN 3082, Environmentally Hazardous Substance) by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.
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**UN No:** 3082
**Transport Hazard Class:** 9 Miscellaneous Dangerous Goods
**Packing Group:** III
**Proper Shipping Name or Technical Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS POTASSIUM SALT OF GLYPHOSATE)
**Hazchem or Emergency Action Code:** -3Z

**Marine Transport:**
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

**UN No:** 3082
**Transport Hazard Class:** 9 Miscellaneous Dangerous Goods
**Packing Group:** III
**Proper Shipping Name or Technical Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS POTASSIUM SALT OF GLYPHOSATE)

**IMDG EMS Fire:** F-A
**IMDG EMS Spill:** S-F

**Air Transport:**
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

**UN No:** 3082
**Transport Hazard Class:** 9 Miscellaneous Dangerous Goods
**Packing Group:** III
**Proper Shipping Name or Technical Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS POTASSIUM SALT OF GLYPHOSATE)

## Section 15 - Regulatory Information

### Classification:
This material is hazardous according to Safe Work Australia, HAZARDOUS CHEMICAL.
**Classification of the chemical:**
Eye Irritation - Category 2A
Carcinogenicity - Category 2
The following health/environmental hazard categories fall outside the scope of the Workplace Health and Safety Regulations:
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Chronic Aquatic Toxicity - Category 2
**Hazard Statement(s):**
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H411 Toxic to aquatic life with long lasting effects.
**Poisons Schedule (SUSMP):** S5 Caution.

This product is registered in Australia by the Australian Pesticides & Veterinary Medicines Authority (APVMA).

## Section 16 - Other Information

**This SDS contains only safety-related information. For other data see product literature.**

**Acronyms:**

| | |
|---|---|
| **ADG Code** | Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition) |
| **AICS** | Australian Inventory of Chemical Substances |
| **SWA** | Safe Work Australia, formerly ASCC and NOHSC |
| **CAS number** | Chemical Abstracts Service Registry Number |
| **IARC** | International Agency for Research on Cancer |
| **NTP** | National Toxicology Program (USA) |
| **SUSMP** | Standard for the Uniform Scheduling of Medicines & Poisons |
| **UN Number** | United Nations Number |

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.