



# NOTICE OF WEED CONTROL APPLICATION

**Date of Application:** September 21-25, 2026

**Location:** Oak Leaf Park

**Reason for Application:** Target weed control in the planters, rock and DG areas, tree wells, and cracks of sidewalks and parking lots.

**Product Manufacturer Name:** Firehawk Bioherbicide Super Concentrate

-Allowed Input Certification no. 24001

-Active ingredients: Nonanoic Acid

-Precautionary statement: Warning: Harmful if inhaled. Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction.

**\*No applications within 25 feet of playgrounds**

**\*See attached label and SDS sheet**

**\*Dates are subject to change due to weather**

EPA Reg. No: 93740-7 EPA Est. No: 93740-THA-001  
Manufactured for: Contact BioSolutions USA, Inc.  
16 N Marengo Ave, Suite 516, Pasadena, CA 91101



# FIREHAWK<sup>®</sup>

## BIOHERBICIDE

### SUPER CONCENTRATE

16oz MAKES UP TO **6.25G**  
32oz MAKES UP TO **12.5G**  
1G MAKES UP TO **50G**  
1.33G MAKES UP TO **67G**  
OF SPRAY SOLUTION

GROUP 27 HERBICIDE



### KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

ACTIVE INGREDIENTS:  
Nonanoic Acid\* ..... 85.26%  
OTHER INGREDIENTS..... 14.74%  
Total .....100.00%

\*Contains 6.51 lbs. of nonanoic acid per gallon of product

### NET CONTENTS

|      |       |      |
|------|-------|------|
| 5G   | 1.33G | 16oz |
| 55G  | 2.5G  | 32oz |
| 275G | 4G    | 1G   |

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### FIRST AID

#### IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

#### IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

#### IF SWALLOWED

- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have person sip a glass of water if able to swallow.
- Do not give anything by mouth to an unconscious person.

### HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
You may also contact (800) 424-9300 for emergency medical treatment information.

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16 N Marengo Ave, Suite 516, Pasadena, CA 91101

EPA Reg. No: 93740-7

EPA Est. No: 93740-THA-001



9 353940 001127

# FireHawk Bioherbicide Super Concentrate

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|                      |                                                                                      |
|----------------------|--------------------------------------------------------------------------------------|
| <b>Supplier Name</b> | <b>Contact Biosolutions Pty Ltd</b>                                                  |
| <b>Address</b>       | Suite 43, 45 Riversdale Road,<br>Hawthorn East, VIC 3123, Australia                  |
| <b>Telephone</b>     | 0418 912 682                                                                         |
| <b>Fax</b>           | Not available                                                                        |
| <b>Emergency</b>     | 0418 912 682                                                                         |
| <b>Email</b>         | <a href="mailto:info@contactbiosolutions.com.au">info@contactbiosolutions.com.au</a> |
| <b>Web Site</b>      | <a href="http://www.contactbiosolutions.com.au">www.contactbiosolutions.com.au</a>   |
| <b>Synonym(s)</b>    | Super Concentrate                                                                    |
| <b>Use</b>           | Herbicide concentrate.                                                               |

This Safety Data Sheet describes the properties of the concentrated product based on the best available information. The physical properties and health assessments do not apply to the properties of the product when diluted for application. The product is practically non-hazardous when used at the recommended dilution rate.

## 2. HAZARDS IDENTIFICATION

### GLOBALLY HARMONISED SYSTEM (GHS)

Classified as hazardous according to the criteria of Safe Work Australia GHS 7.

|                              |                                                                                                                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard Classification</b> | Acute Toxicity – Inhalation, Category 4<br>Skin Corrosion/Irritation, Category 2<br>Eye Damage/Irritation, Category 2B<br>Skin Sensitisation, Category 1A<br>Aquatic Toxicity (Acute), Category 3 |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                    |         |
|--------------------|---------|
| <b>Signal Word</b> | WARNING |
|--------------------|---------|

**Pictograms**



|                          |                                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard Statements</b> | Harmful if inhaled.<br>Causes skin irritation.<br>Causes eye irritation.<br>May cause an allergic skin reaction.<br>Harmful to aquatic life. |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|

**Precautionary Statements**

|                     |                                                                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Preventative</b> | Avoid breathing vapour or spray.<br>Wash hands and exposed skin thoroughly after handling.<br>Use only outdoors or in a well-ventilated area.<br>Contaminated work clothing should not be allowed out of the workplace.<br>Avoid release to the environment. |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | Wear protective gloves, protective clothing, eye and face protection                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Response | <p>IF ON SKIN: Wash with soap and plenty of water.<br/>If skin irritation or rash occurs: Get medical attention.<br/>Take off contaminated clothing and wash it before reuse.<br/>IF IN EYES: Rinse cautiously with water for several minutes.<br/>Remove contact lenses, if present and easy to do. Continue rinsing.<br/>If eye irritation persists: Get medical attention<br/>IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.</p> |
| Disposal | Dispose of contents and container in accordance with local state and federal regulations.                                                                                                                                                                                                                                                                                                                                                                                                                          |

**DAANGEROUS GOODS CLASSIFICATION (ADG Code)**

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient                                | CAS No.  | Content (%w/w) |
|-------------------------------------------|----------|----------------|
| Nonanoic acid                             | 112-05-0 | 70 - 90        |
| Surfactants                               | Mixture  | 1 - 10         |
| Terpene fragrance                         | -        | <1             |
| Non-hazardous ingredients including water |          | to 100%        |

**4. FIRST AID MEASURES****Description of necessary first aid measures**

|                                    |                                                                                                                                                                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General:</b>                    | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label or this SDS where possible).                                                                                                           |
| <b>After eye contact:</b>          | Hold eyes open and flush immediately with large amounts of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention immediately if eye irritation persists.                                              |
| <b>After skin contact:</b>         | If skin or hair contact occurs, immediately remove contaminated clothing including footwear and wash skin and hair with soap and water. If skin irritation or rash occurs, get medical attention. Wash contaminated clothing and shoes before re-use. |
| <b>After inhalation:</b>           | Remove to fresh air immediately. Lie patient down and keep warm and rested. Get immediate medical attention if the person feels unwell.                                                                                                               |
| <b>After ingestion:</b>            | Do not induce vomiting. Give water to rinse out mouth. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice.                                                                                    |
| <b>Symptoms caused by exposure</b> | <b>Eye Contact:</b> May cause serious eye damage including redness, swelling and/or blurred vision. In extreme case, may result in permanent eye damage.                                                                                              |

**Skin Contact:** May cause irritation, redness, especially if contact is prolonged or repeated. Some individuals may develop an allergic response to this product.

**Inhalation:** Spray mist is irritating to the upper respiratory system and may cause coughing and shortness of breath. Continuous inhalation may result in long-term respiratory distress.

**Ingestion:** May cause nausea, vomiting, and diarrhea if ingested in large amounts.

**Medical attention and special treatment**

Treat symptomatically. If ingested, flush stomach and compensate for acidosis.

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## 5. FIRE FIGHTING MEASURES

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**Suitable extinguishing media**

Use foam, dry chemical, carbon dioxide, water spray or fog for extinction. Do NOT use water jets as this may spread the fire.

**Specific hazards arising from the chemical**

May evolve toxic gases (including oxides of carbon) when heated to decomposition. Containers may rupture when strongly heated.

**Special protective equipment and precautions for fire fighters**

Evacuate area and contact emergency services. Toxic gases may evolve in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combatting fire. Use water fog to cool intact containers and nearby storage areas. Prevent, by any means available, spillage from entering drains or water courses.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures**

Clean up spills immediately to prevent further accidents. Wear personal protective equipment (PPE) as specified in Section 8. Avoid contact with skin and eyes. Shut off leaks, if safe to do so. Isolate hazard area and deny entry to unnecessary or unprotected personnel.

**Environmental precautions**

Prevent from spreading and entering waterways by using sand, earth or other non-combustible material. Ventilate contaminated area thoroughly.

**Methods and materials for containment and cleaning up**

Contain spillage, then cover spill with absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. In the event of a large spill, contain spilled material with sand, earth or other absorbent material. Prevent run-off into drains or waterways. Transfer spilled material to suitable containers for re-use or disposal. Transfer contaminated sand or earth into suitable containers for disposal. Suitable containers include plastic containers or plastic-lined metal drums. Clearly label all containers. Wash contaminated area with detergent and water.

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## 7. STORAGE AND HANDLING

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**Precautions for safe handling**

Read product label before opening or using. Use safe work practices to avoid eye or skin contact. Wear PPE as specified in Section 8. Use product only outdoors or in well-ventilated areas. Avoid breathing spray

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                     | mixture. Observe good personal hygiene, including washing hands before eating, drinking or smoking. Remove contaminated clothing immediately.                                                                                                                                                                                                                        |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store in a cool, dry, well-ventilated area, away from incompatible materials and foodstuffs. Do not store for prolonged periods in direct sunlight. Protect the product from freezing. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Keep it in the original container. |

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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|                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Exposure Standards</b>                                                     | No value assigned for this specific material by Safe Work Australia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Biological Monitoring</b>                                                  | Not required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Engineering Controls</b>                                                   | No special engineering controls required when used in small quantities. Use with good general ventilation. If mists or aerosols are generated, a system of local and/or general exhaust is recommended to keep employee exposure as low as possible. Local exhaust ventilation is preferable because it can control emissions at source preventing dispersion into the general work area.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Individual protective measures and personal protective equipment (PPE)</b> | <p><b>Eye Protection:</b> Face shield and/or splash-proof chemical goggles (AS1336/1337). Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Contact lenses should not be worn when handling this product.</p> <p><b>Glove Type:</b> Impervious PVC, rubber or nitrile gloves (AS2161).</p> <p><b>Clothing:</b> When using large quantities or where heavy contamination is likely, wear appropriate clothing to prevent skin contact. Long sleeved shirt, long trousers and closed shoes or boots are recommended.</p> <p><b>Respirator:</b> If an inhalation risk exists, wear an approved respirator complying with AS 1715/1716.</p> <p>In general, respirator use should be limited, and engineering controls used to minimise exposure. If respirators must be worn, ensure adequate respirator selection and training is undertaken. Some respirators are extremely uncomfortable to wear for extended periods. Air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.</p> |

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| <b>Appearance</b>         | Colourless to pale yellow, hazy, slightly viscous liquid |
| <b>Odour</b>              | Citrus / pine                                            |
| <b>Boiling Point</b>      | >100°C                                                   |
| <b>Freezing Point</b>     | <5°C                                                     |
| <b>Solubility (Water)</b> | Emulsifies                                               |
| <b>Specific Gravity</b>   | Approx. 0.9                                              |
| <b>pH (neat)</b>          | 4 - 6                                                    |
| <b>Vapour Pressure</b>    | Not determined                                           |
| <b>Vapour Density</b>     | Not determined                                           |
| <b>Evaporation Rate</b>   | Not determined                                           |

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|                           |                |
|---------------------------|----------------|
| % Volatiles               | Not determined |
| Flammability              | Not determined |
| Flash Point               | >150°C         |
| Decomposition Temperature | >250°C         |

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## 11. TOXICOLOGICAL INFORMATION

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|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acute Toxicity</b>                                            | <b>Oral:</b> Not classified. Oral LD50 (female rat): >5000 mg/kg (test data)<br><br><b>Dermal:</b> Not classified. LC50 (male and female rat): >5000 mg/kg (test data)<br><br><b>Inhalation:</b> Not volatile. However, inhalation of mist is classified as Acute Toxicity – Inhalation, Category 4 based on test data. LC50 (male and female rat): > 2.12 mg/L |
| <b>Skin Corrosion / Irritation</b>                               | Classified as skin irritant Category 2. Moderately irritating to the skin.                                                                                                                                                                                                                                                                                      |
| <b>Serious Eye Damage / Irritation</b>                           | Classified as eye irritant Category 2B. Moderately irritating to the eye. Direct contact with the eye may cause moderate irritation, pain and tears. Permanent injury is not likely unless left untreated.                                                                                                                                                      |
| <b>Respiratory or Skin Sensitisation</b>                         | Classified as Skin Sensitiser Category 1A. Repeated or prolonged skin contact may lead to allergic contact dermatitis.                                                                                                                                                                                                                                          |
| <b>Germ Cell Mutagenicity</b>                                    | Not classified.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Carcinogenicity</b>                                           | Not classified.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reproductive Toxicity</b>                                     | Not classified.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Specific Target Organ Toxicity (STOT) – Single Exposure</b>   | Not classified.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Specific Target Organ Toxicity (STOT) – Repeated Exposure</b> | Not classified.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Aspiration Hazard</b>                                         | Not an aspiration hazard.                                                                                                                                                                                                                                                                                                                                       |

## 12. ECOLOGICAL INFORMATION

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|                                      |                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                   | This product is toxic to aquatic organisms with short term effects.                       |
| <b>Persistence and Degradability</b> | Major components are biodegradable (OECD 301B).                                           |
| <b>Mobility in soil</b>              | No data available.                                                                        |
| <b>Bioaccumulative potential</b>     | None of the ingredients in this product are known to have the potential to bioaccumulate. |
| <b>Other adverse effects</b>         | None known.                                                                               |

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**13. DISPOSAL CONSIDERATIONS**

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|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Safe handling and disposal methods</b> | Recover or recycle if possible. Waste material may be incinerated under controlled conditions, where permitted. Refer to the local waste management authority for other approved methods. Empty containers should be decontaminated by rinsing with water prior to disposal or recycling. Product must be contained and not disposed of in sewerage systems, drains or waterways.                                                                                                                                                                                                                                                                                                                       |
| <b>Disposal of contaminated packaging</b> | Triple 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. |
| <b>Environmental regulations</b>          | Dispose of in accordance with relevant local, state and federal legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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**14. TRANSPORT INFORMATION**

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**LAND TRANSPORT (Australia)**

|                       |                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Classification</b> | Not classified as a Dangerous Good according to the criteria of the Australian Dangerous Goods Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SEA TRANSPORT**

|                         |                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Classification</b>   | Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. |
| <b>Marine Pollutant</b> | No.                                                                                                                                    |

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**15. REGULATORY INFORMATION**

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|                                                     |                                                                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>International Agreements</b>                     | Contains no substances subject to international regulation.                                                     |
| <b>Safety, health and environmental regulations</b> | Poison Schedule 5.<br><br>All ingredients are listed on the Australian Inventory of Chemical Substances (AICS). |
| <b>Other Information</b>                            | None.                                                                                                           |

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**16. OTHER INFORMATION**

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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Additional Information</b> | The effects from exposure to this product depend on several factors including frequency and duration of use, the amount used, control measures adopted, personal protective equipment used and method of use. It is impractical to prepare a data sheet that encompasses all possible situations; therefore, it is anticipated that users will assess the risks and apply control measures as appropriate.                                                                                                                                                                                                                            |
| <b>Report Status</b>          | This document is based on the best available information on the date of issue and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for this product. While all due care has been taken to include accurate and up-to-date information, no warranty as to accuracy or completeness is provided. As far as lawfully possible, Contact Biosolutions accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of reliance on the information contained in this Safety Data Sheet. |
| <b>Prepared By</b>            | R & A Consultants<br>17 La Seyne Crescent<br>Warnbro, WA6169, Australia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Revision Number</b>        | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Date Prepared</b>          | 20 April 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**End of Report**