

## Section 1. Identification: product identifier & chemical identity

|                 |   |
|-----------------|---|
| Product Name    | BioWeed® Organic Herbicide Ready to Use     |
| Intended Use    | Herbicide                                   |
| Chemical Nature | Terpene alcohols and saponified fatty acids |

|                        |                            |
|------------------------|----------------------------|
| Manufacturer /Supplier | Greenpro Solutions Pty Ltd |
|------------------------|----------------------------|

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|                        |  |
|------------------------|--|
| <b>Emergency Phone</b> | <b>13 11 26 (Poisons Information Centre)</b> |
|------------------------|--|

## Section 2. Hazard Identification

|             |         |
|-------------|---------|
| Signal Word | Caution |
|-------------|---------|

|                      |    |
|----------------------|----|
| SUSMP Classification | S5 |
|----------------------|----|

|                         |  |
|-------------------------|--|
| Hazard Class & Category | Skin corrosion / irritation – category 3<br>Serious eye damage/irritation – category 2A<br>Specific target organ toxicity (single exposure) – category 3 |
|-------------------------|--|

|                  |   |
|------------------|---|
| Hazard Statement |  |
|------------------|---|

H315 Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

|            |   |
|------------|---|
| Prevention | P264 Wash hands thoroughly after handling<br>P280 Wear protective gloves, eye protection, face protection<br>P261 Avoid breathing fume, vapours, spray<br>P271 Use only outdoors or in a well ventilated area |
|------------|---|

|          |  |
|----------|--|
| Response | P302+P352 IF ON SKIN: wash with plenty of soap and water<br>P332+P313 If skin irritation occurs: Get medical advice/attention<br>P362 Take off contaminated clothing and wash before reuse<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing<br>P337 + P3131 If eye irritation persists: Get medical advice/attention. |
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|          |  |
|----------|--|
| Storage  | P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing<br>P312 Call a POISON CENTRE or doctor/physician if you feel unwell<br>P403 + P233 Store in a well ventilated place. Keep container tightly closed<br>P405 Store locked up |
| Disposal | P501 Dispose of contents/container as specified on registered label  |

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## Section 3. Composition/Information on Ingredients

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|         |                           |
|---------|---------------------------|
| Name    | Pine Oil                  |
| CAS-nr  | 8002-09-3                 |
| Content | 136 g/L                   |
| Name    | Non-hazardous ingredients |
| Content | to 1L                     |

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## Section 4. First Aid Measure

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Routes of Exposure:

|                                     |  |
|-------------------------------------|--|
| Inhalation                          | Remove patient to fresh air and seek medical attention if breathing becomes difficult.   |
| Skin Contact                        | Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.   |
| Eye Contact                         | Rinse cautiously with water for 15 minutes. If eye irritation persists: Get medical advice.  |
| Ingestion                           | Drink water or milk. If large quantities have been swallowed or if you feel unwell, obtain medical attention.  |
| Most Important symptoms and effects | Ingestion: Large quantities may cause gastrointestinal irritation.<br>Inhalation: Vapours and mists maybe irritating to mucous membrane and respiratory system.<br>Skin: Causes skin irritation<br>Eye: Causes severe eye damage |

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## Section 5. Fire Fighting Measures

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|                                  |   |
|----------------------------------|---|
| Hazard Type                      | Not Flammable   |
| Suitable Extinguishing Equipment | Water mist or water spray, foam, dry powder or carbon dioxide |
| Hazards from combustion products | Oxides of carbon, nitrogen and water                          |

Precautions for Firefighters and  
Special Protection Clothing

Self-contained breathing apparatus should be worn when  
fighting fire. Have fire extinguishers available.

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## Section 6. Accidental Release Measures

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Personal Protection

Wear personal protective gear as detailed in Section 8 below.

Environmental Precautions

Prevent the product from reaching sewage and water courses in  
large quantities.

Method & Material for Clean Up

For both small and large spillages collect as much as possible in a  
clean container for [preferable] reuse or disposal. Contain and/or  
absorb spill with inert material [e.g. sand, vermiculite, sawdust].  
Dispose of waste according to the applicable local and national  
regulations.

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## Section 7. Handling and Storage

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Precautions for Handling

Keep out of reach of children  
Read label before use  
Wash hands thoroughly after handling  
Avoid release to the environment  
Wear protective clothing as detailed in Section 8  
Handle in a well ventilated workplace  
Use normal handling precautions applicable to industrial  
chemicals

Precautions for Storage

Store away from incompatible materials listed in Section 10  
Store in closed containers in a cool, well ventilated area

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## Section 8. Exposure Controls / Personal Protection

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Workplace Exposure Standards

No ingredients have exposure limits

Engineering Controls

Good ventilation should be provided in working areas.

Eye and Face Protection

Goggles and eyewash station.

Skin Protection

Use rubber/PVC gloves and full working clothes. Contaminated  
clothing should be laundered before re-use.

Respiratory Protection

Provide adequate ventilation.

## Section 9. Physical and Chemical Properties

|   |                        |
|---|------------------------|
| Appearance                                | Pale amber liquid      |
| Auto Ignition Temp                        | Not available          |
| Decomposition Temperature                 | Not available          |
| Evaporation Rate                          | <1                     |
| Flammability                              | Not available          |
| Flash Point                               | >100°                  |
| Initial Boiling Point and Range           | >101°                  |
| Melting Point/Freezing Point              | Not available          |
| Odour                                     | Pinaceous (Pine odour) |
| Odour Threshold                           | Not available          |
| Partition Coefficient                     | Not available          |
| pH  | 10-11                  |
| Relative Density                          | Not available          |
| Solubility                                | Soluble in Water       |
| Upper/Lower Flammability/Explosive Limits | Not available          |
| Vapour Density (Air = 1)                  | 5.30                   |
| Vapour Pressure                           | <1mm Hg [20°C)         |
| Viscosity                                 | Not available          |

## Section 10. Stability and Reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | This product is unlikely to react under normal conditions |
| Chemical Stability                 | This product is stable under normal conditions            |
| Possibility of Hazardous Reactions | None known  |
| Condition to Avoid                 | None known  |
| Incompatible Materials             | Incompatible with strong oxidising agents                 |
| Hazardous Decomposition Products   | Oxides of carbon, nitrogen and water.                     |

## Section 11. Toxicological Information

### ACUTE TOXICITY

|            |   |
|------------|---|
| Oral       | Not classified as a hazard – Large quantities may cause gastrointestinal irritation               |
| Dermal     | Not classified as a hazard - Causes skin irritation   |
| Inhalation | Not classified as a hazard - Inhalation of mist may result in irritation of the mucous membranes. |
| Eye        | Causes severe eye damage  |

**IRRITATION DATA**

|                                  |  |
|----------------------------------|--|
| Skin Contact                     | Moderate irritant  |
| Eye Contact                      | Severe irritant  |
| Inhalation                       | Inhalation of mist may result in irritation of the mucous membranes                                    |
| Sensitization Data               | Not sensitising  |
| Carcinogenicity and Mutagenicity | Not listed by NTP*<br>Not listed under Cal Prop65*<br>Not regulated by OSHA*<br>Not regulated by IARC* |
| Reproductive Toxicity            | Not applicable   |
| Specific Target Organ Toxicity   | Not applicable   |

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## Section 12. Ecological Information

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|---|---|
| Biodegradability                          | Degradable: .97% breakdown in 3-100.                        |
| Mobility in Soil                          | No data available   |
| Aquatic Toxicity                          | EC50 [fish: 96H)= 16.3mg/l; EC50 [daphnia; 48H) = 10.9mg/l. |
| Toxicity – Aquatic and Terrestrial Plants | Herbicide.  |
| Acute Toxicity – Birds                    | Not an acute oral hazard to vertebrates (rat).              |
| Other Information                         | Not expected to bioaccumulate                               |

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## Section 13. Disposal Considerations

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|--------------------|---|
| Product Disposal   | May be disposed of by landfill or by incineration, subject to local authorisation using licensed contractors. |
| Packaging Disposal | As for product or triple rinse container with water and recycle.  |
| Precautions        | Do not allow to enter waterways   |

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## Section 14. Transport Information

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|-----------|---|
| Transport | This product is not classified as a dangerous good for transport. |
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## Section 15. Regulatory Information

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|                                    |                   |
|------------------------------------|-------------------|
| Australia – AICS                   | In compliance.    |
| SUSMP – Therapeutic Goods Act 1989 | Poison Schedule 5 |

## Section 16. Other Information

|                   |   |
|-------------------|---|
| Issued by         | Greenpro Solutions Pty Ltd  |
| Date of Issue     | 11 August 2023  |
| Revision          | 1.4   |
| Revisions         | 1.4 Update company name and contact information<br>1.3 Update company name<br>1.2 Added pictograms<br>1.2 All sections of the SDS have been updated |
| Previously issued | 27 August 2020  |
| Product Name      | BioWeed Organic Herbicide Concentrate   |

### Acronyms

|            |  |
|------------|--|
| AICS       | Australian Inventory of Chemical Substances                |
| SUSMP      | Standard for the Uniform Scheduling of Medicines & Poisons |
| CAS Number | Chemical Abstracts Service Registry Number                 |
| IARC       | International Agency for Research on Cancer                |
| NTP        | National Toxicology Program (USA)                          |
| Cal Prop65 | California Proposition 65                                  |
| OSHA       | American Occupational Safety & Health Administration       |
| EC50       | Median effective concentration                             |

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