
Section 1. Identification: product identifier & chemical identity

Product Name BioWeed® Organic Herbicide Concentrate
Intended Use Herbicide
Chemical Nature Terpene alcohols and saponified fatty acids

Manufacturer /Supplier Greenpro Solutions Pty Ltd

9 Research Street
Coolum Beach QLD 4573

Phone +61 1300 907 107

Email info@bioweed.com

Emergency Phone 13 11 26 (Poisons Information Centre)

Section 2. Hazard Identification

Signal Word Danger

Hazard Class & Category Skin corrosion / irritation – category 2
Serious eye damage/irritation – category 1
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
P280 Wear protective gloves, eye protection, face protection
P261 Avoid breathing fume, vapours, spray
P271 Use only outdoors or in a well ventilated area

Response

P302+P352 IF ON SKIN: wash with plenty of soap and water
P332+P313 If skin irritation occurs: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 Immediately call a POISON CENTRE or a doctor/physician
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 Call a POISON CENTRE or doctor/physician if you feel unwell

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| Storage | P403 + P233 Store in a well ventilated place. Keep container tightly closed |
| | P405 Store locked up |
| Disposal | P501 Dispose of contents/container as specified on registered label |

Section 3. Composition/Information on Ingredients

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| Name | Pine Oil |
| CAS-nr | 8002-09-3 |
| Content | 680 g/L |
| Name | Non-hazardous ingredients |
| Content | to 1L |

Section 4. First Aid Measure

Routes of Exposure:

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| Inhalation | Remove patient to fresh air and seek medical attention if breathing becomes difficult. |
| Skin Contact | Wash off contamination with soap and water. Seek medical attention if irritation persists. |
| Eye Contact | Rinse immediately with plenty of water for several minutes whilst keeping the eye lids separated. Seek medical advice directly. |
| Ingestion | Drink water or milk. If large quantities have been swallowed or if you feel unwell, obtain medical attention. |

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| Most Important symptoms and effects | Ingestion: Large quantities may cause gastrointestinal irritation. Inhalation: Vapours and mists maybe irritating to mucous membrane and respiratory system. Skin: Causes skin irritation 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. |

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. |

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 |

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. If applying by low pressure hand wand wear half facepiece respirator |

Section 9. Physical and Chemical Properties

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| 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

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| 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

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| 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

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| 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* Not listed under Cal Prop65* Not regulated by OSHA* Not regulated by IARC* |
| Reproductive Toxicity | Not applicable |
| Specific Target Organ Toxicity | Not applicable |

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 |

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 |

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 6 |

Section 16. Other Information

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|-------------------|---|
| Issued by | Greenpro Solutions Pty Ltd |
| Date of Issue | 11 August 2023 |
| Revision | 2.4 |
| Revisions | 2.4 Update company name and contact information 2.3 Update company name 2.2 Added pictograms 2.1 All sections of the SDS have been updated |
| Previously issued | 27 August 2020 |
| Product Name | BioWeed Organic Herbicide Concentrate |

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| 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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