

## Contact Organics HomeSafe Weed Terminator Plus Ready-To-Use Spray Mixture

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Supplier Name</b>	<b>Contact Organics Pty Ltd</b>
<b>Address</b>	Suite 43, 45 Riversdale Road, Hawthorn East, VIC 3123, Australia
<b>Distributor Name</b>	<b>Enviro-Ag Ltd</b>
<b>Address</b>	PO Box 79 Hororata 7544 New Zealand
<b>Telephone</b>	+64 27 576 0303
<b>Fax</b>	Not available
<b>Emergency</b>	+64 27 576 0303
<b>Email</b>	<a href="mailto:info@contactorganics.co.nz">info@contactorganics.co.nz</a>
<b>Web Site</b>	<a href="http://contactorganics.co.nz">contactorganics.co.nz</a>
<b>Synonym(s)</b>	HomeSafe Weed Terminator Plus RTU Spray Mixture
<b>Use</b>	Ready to use weed killer.

### 2. HAZARDS IDENTIFICATION

#### Globally Harmonised System (GHS)

Not hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

#### Dangerous Goods Classification (ADG Code)

Not classified as a dangerous good by the criteria of the Australian Dangerous Goods Code (ADG Code).

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient</b>	<b>CAS No.</b>	<b>Content (%w/w)</b>
Acetic acid	64-19-7	3 - 9
Nonanoic acid	112-05-0	1 - 5
Citrus terpenes	Mixture	0.5 - 5
Other ingredients including water	Mixture	to 100%

### 4. FIRST AID MEASURES

<b>Eye</b>	Hold eyes open and flush immediately with large amounts of water for at least 15 minutes.
<b>Inhalation</b>	Remove to fresh air. Further measures are unlikely to be required.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing including footwear and wash skin and hair with soap and water.

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<b>Ingestion</b>	Do <b>NOT</b> induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth with water. Get medical attention if ill effects persist.
<b>Medical attention and special treatment</b>	Treat symptomatically.
<b>Medical conditions aggravated by exposure</b>	May cause an allergic skin reaction. Affected individuals should avoid all further contact with this product.

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## 5. FIRE FIGHTING MEASURES

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<b>Suitable extinguishing media</b>	Not combustible. Use extinguishing media appropriate to the surrounding fire.
<b>Specific hazards arising from the chemical</b>	May evolve toxic gases (including oxides of carbon and) when heated to decomposition.
<b>Special protective equipment and precautions for fire fighters</b>	Take measures appropriate to the source of the fire.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Personal precautions, protective equipment and emergency procedures</b>	Clean up spills immediately. Avoid contact with skin and eyes.
<b>Environmental precautions</b>	Prevent from spreading and entering waterways by using sand, earth, or other absorbent material.
<b>Methods and materials for containment and cleaning up</b>	Small spills can be mopped up. In the event of a large spill, contain with absorbent material. Prevent run-off into drains or waterways. Transfer contaminated material into containers for disposal. Clearly label all containers.

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## 7. STORAGE AND HANDLING

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<b>Precautions for safe handling</b>	Before use carefully read the product label. Avoid eye or skin contact and inhalation of spray mist. Wear PPE as specified in Section 8. Use product in well-ventilated areas.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, dry, well-ventilated area, away from foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

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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 Limits</b>	None allocated.

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<b>Engineering Controls</b>	No special engineering controls required when used in accordance with the label directions. Use with good general ventilation.
<b>Individual protective measures and personal protective equipment (PPE)</b>	<b>Eye Protection:</b> Safety glasses with side shields. <b>Glove Type:</b> Impervious rubber gloves. <b>Clothing:</b> No special requirements. <b>Respirator:</b> Not required under normal conditions of use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	White emulsion (separates on standing)
<b>Odour:</b>	Citrus / vinegar
<b>Boiling Point:</b>	>100°C
<b>Freezing Point:</b>	<0°C
<b>Solubility (Water):</b>	Miscible
<b>Specific Gravity:</b>	1.0 approx.
<b>pH (neat):</b>	2.5 – 3.5
<b>Flammability:</b>	Not combustible

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## 10. STABILITY AND REACTIVITY

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<b>Reactivity</b>	Stable under recommended conditions of storage and use.
<b>Chemical Stability</b>	Stable under recommended conditions of storage and use.
<b>Conditions to Avoid</b>	Keep away from heat.
<b>Incompatible materials and possible hazardous reactions</b>	Keep away from strong oxidising agents, acids, and alkalis. No known hazardous reactions.
<b>Hazardous decomposition products</b>	Will evolve toxic gases including carbon oxides, when heated to decomposition.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Eye</b>	Direct contact of the liquid with the eyes will cause transient discomfort.
<b>Inhalation</b>	Inhalation of spray mist may cause irritation to the upper respiratory tract.
<b>Skin</b>	Repeated or prolonged direct contact with the skin may produce irritation.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting if swallowed in large amounts.
<b>Toxicity Data</b>	Oral LD50 (rat): >50,000 mg/kg (estimated)

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Harmful to aquatic organisms due to the acidity of the product. Avoid spraying directly on to natural water systems.
<b>Persistence and Degradability</b>	All the components of this product are readily biodegradable. No adverse effects are expected when the product is used in accordance with the label directions.
<b>Mobility in soil</b>	The ingredients in this product are of low mobility in soil and will rapidly degrade on contact with soil.
<b>Bioaccumulative potential</b>	No ingredient in this product has the potential to bioaccumulate.
<b>Other adverse effects</b>	There are no other adverse effects expected from the use of this product in accordance with the Directions for Use.

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### **13. DISPOSAL CONSIDERATIONS**

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<b>Safe handling and disposal methods</b>	Recover or recycle if possible. Refer to local waste management authority for other approved methods. Empty containers should be rinsed with water prior to disposal or recycling. Product should not be disposed of in sewerage systems, drains or waterways.
<b>Disposal of contaminated packaging</b>	Empty packaging should be disposed of in accordance with local, state, and federal regulations or recycled/reconditioned at an approved facility.
<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).
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#### **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.

#### **AIR TRANSPORT**

<b>Classification</b>	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
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### **15. REGULATORY INFORMATION**

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**AICS** All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

**Other Information** None.

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## **16. OTHER INFORMATION**

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**Additional Information** 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.

**Report Status** 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 Organics 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.

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**End of Report**