

Contact Organics FarmSafe Weed Terminator RTU Spray Mixture

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	Contact Organics Pty Ltd
Address	Suite 43, 45 Riversdale Road, Hawthorn East, VIC 3123, Australia
Telephone	0418 912 682
Fax	Not available
Emergency	0418 912 682
Email	info@contactorganics.com.au
Web Site	www.contactorganics.com.au
Synonym(s)	FarmSafe Weed Terminator RTU Spray Mixture
Use	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

Ingredient	CAS No.	Content (%w/w)
Acetic acid	64-19-7	1 - 5
Hydrochloric acid	5329-14-6	<1
Ingredients determined to be non-hazardous including water	Not available	80 - 95

4. FIRST AID MEASURES

Eye	Hold eyes open and flush immediately with large amounts of water for at least 15 minutes.
Inhalation	Remove to fresh air. Further measures are unlikely to be required.
Skin	If skin or hair contact occurs, remove contaminated clothing including footwear and wash skin and hair with soap and water.
Ingestion	Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Give water to rinse

out mouth, then provide liquid slowly and as much as patient can comfortably drink. Get medical attention if ill effects persist.

First Aid Facilities

Eye wash station.

Medical attention and special treatment

Treat symptomatically.

Symptoms caused by exposure

Eye: Irritation.

Inhalation: Irritation of upper respiratory tract, coughing.

Skin: Transient irritation.

Ingestion: Nausea or vomiting.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Not combustible. Use extinguishing media appropriate to the surrounding fire.

Specific hazards arising from the chemical

May evolve toxic gases (including oxides of carbon and chlorides) when heated to decomposition.

Special protective equipment and precautions for fire fighters

Take measures appropriate to the source of the fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Clean up spills immediately. Avoid breathing vapour and contact with skin and eyes.

Environmental precautions

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

Methods and materials for containment and cleaning up

Small spills can be mopped up. 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 contaminated sand or earth into non-metal containers for disposal. Clearly label all containers. Wash contaminated area with water.

7. STORAGE AND HANDLING

Precautions for safe handling

Before use carefully read the product label. Avoid eye or skin contact and inhalation of vapour. Wear PPE as specified in Section 8. Use product only in well-ventilated areas. Observe good personal hygiene, including washing hands before eating, drinking or smoking.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, away from incompatible materials and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards Occupational exposure limits:

Component	Source	TWA	STEL	Peak	Notation
Acetic acid	Australian exposure standards	25 mg/m ³ (10ppm)	25 mg/m ³ (10ppm)	Not available	Not available

STEL - Short Term Exposure Limit.

TWA - Time Weighted Average

Biological Limits None allocated.

Engineering Controls No special engineering controls required when used in accordance with the label directions. Use with good general ventilation.

Individual protective measures and personal protective equipment (PPE)

Eye Protection: Safety glasses with side shields (AS1336/1337).

Glove Type: Impervious elbow-length rubber gloves (AS2161).

Clothing: When using large quantities or where heavy contamination is likely, wear protective apron and enclosed footwear.

Respirator: If an inhalation risk exists, wear an approved respirator complying with AS 1715/1716

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear blue liquid	Solubility (Water)	Soluble
Odour	Vinegar	Specific Gravity	1.05 approx.
Vapour Pressure	2.3kPa @ 20°C	% Volatiles	Not determined
Vapour Density	Not determined	Flammability	Not combustible
Boiling Point	>100°C	Flash Point	Not determined
Melting Point	Not determined	pH (neat)	2.5 – 3.5
Evaporation Rate	Not determined		

10. STABILITY AND REACTIVITY

Reactivity Stable under recommended conditions of storage and use.

Chemical Stability Stable under recommended conditions of storage and use.

Conditions to Avoid Keep away from heat.

Incompatible materials and possible hazardous reactions Keep away from strong oxidising agent and alkaline materials. May react violently with strong alkalis.

Hazardous decomposition products Will evolve toxic gases including carbon oxides, chlorides and acidic vapours when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Eye	Vapours or mists are irritating to the eyes. Direct contact of the liquid with the eyes will cause irritation, redness and severe discomfort.
Inhalation	Inhalation of vapour or spray mist may cause irritation to the upper respiratory tract.
Skin	Repeated or prolonged direct contact with the skin may produce irritation.
Ingestion	Ingestion may cause nausea and vomiting if swallowed in large amounts.
Toxicity Data	Dermal LD50 (rabbit): >100,000 mg/kg (estimated) Oral LD50 (rat): >20,000 mg/kg (estimated)

12. ECOLOGICAL INFORMATION

Ecotoxicity	This product may cause short term harm to the aquatic environment due to its acidity.
Persistence and Degradability:	Acetic acid is degraded by sunlight and rapidly biodegrades in soil and water. Inorganic constituents are not biodegradable.
Mobility in soil	High.
Bioaccumulative potential	None.
Other adverse effects	None known

13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods	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.
Disposal of contaminated packaging	Empty packaging should be disposed of in accordance with local, state, and federal regulations or recycled/reconditioned at an approved facility.
Environmental regulations	Dispose of in accordance with relevant local, state and federal legislation.

14. TRANSPORT INFORMATION

LAND TRANSPORT (Australia)

Classification	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

Classification	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Marine Pollutant	No.

15. REGULATORY INFORMATION

AICS	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
Poisons Schedule	Not scheduled.
Other Information	None.

16. OTHER INFORMATION

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.

Prepared By R & A Consultants
17 La Seyne Crescent
Warnbro, WA6169, Australia

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End of Report