

Contact Organics HomeSafe Weed Terminator N Concentrate

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	Contact Organics Pty Ltd
Address	Suite 43, 45 Riversdale Road, Hawthorn East, VIC 3123, Australia
Distributor Name	Enviro-Ag Ltd
Address	PO Box 79 Hororata 7544 New Zealand
Telephone	+64 27 576 0303
Fax	Not available
Emergency	+64 27 576 0303
Email	info@contactorganics.co.nz
Web Site	contactorganics.co.nz
Synonym(s)	None
Use	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)

Hazard Classification Skin Corrosion/Irritation, Category 2
Serious eye damage, Category 2A

Signal Word WARNING
Pictograms



Hazard Statements Causes serious eye irritation.
Causes skin irritation.

Precautionary Statements

Preventative

P264	Wash hands and exposed skin thoroughly after handling.
P280	Wear protective gloves. Protective clothing, eye and face protection.

Response

P301 +P352	IF ON SKIN: Wash with plenty of soap and water.
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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.

DANGEROUS GOODS CLASSIFICATION

Not classified as a dangerous good by the criteria of the New Zealand Dangerous Goods Regulatory System.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content (%w/w)
Nonanoic acid	112-05-0	40 - 60
Citrus terpenes	Mixture	10 - 30
Surfactants	Mixture	10 - 20

4. FIRST AID MEASURES

Eye	Hold eyes open and flush immediately with large amounts of water for at least 15 minutes. Transport to hospital or doctor if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Inhalation	Remove to fresh air immediately. Lie patient down and keep warm and rested. Items such as false teeth should be removed as they may block or impede airways. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask. Perform CPR if necessary. Transport to hospital, or doctor if rapid recovery does not occur.
Skin	If skin 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 reuse.
Ingestion	Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Never give liquid to a person showing signs of being sleepy or with reduced awareness. Get medical attention if ill-effects persist.
First Aid Facilities	Safety shower and eye wash station.
Medical attention and special treatment	Treat symptomatically.
Medical conditions aggravated by exposure	May cause an allergic skin reaction. Affected individuals should avoid all further contact with this product.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Use foam, dry chemical, Carbon dioxide, water spray or fog for extinction. Do NOT use water jets.
Specific hazards arising from the chemical	Fire may produce toxic gases including organic vapours and oxides of carbon. Containers may rupture or explode when strongly heated.
Special protective equipment and precautions for fire fighters	Evacuate area and contact emergency services. Toxic gases may be evolved 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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Clean up spills immediately to prevent further accidents. Eliminate all sources of ignition. Wear personal protective equipment (PPE) as specified in Section 8. Avoid breathing vapours and 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 spills 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 or metal drums. Clearly label all containers. Wash contaminated area with water.

7. STORAGE AND HANDLING

Precautions for safe handling	Before use carefully read the product label. Use safe work practices to 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. Prohibit eating, drinking and smoking in contaminated areas.
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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. Keep in the original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards No value assigned for this specific material by Safe Work Australia.

Biological Limits None allocated.

Engineering Controls 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.

Individual protective measures and personal protective equipment (PPE)

Eye Protection: Splash-proof chemical goggles.

Glove Type: Impervious PVC, butyl rubber, nitrile or neoprene gloves.

Clothing: 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 are recommended.

Respirator: If an inhalation risk exists, wear an approved respirator fitted with a filter for use against organic gases and vapours (boiling point >65°C). Respirators should comply with AS 1716 or equivalent.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid	Solubility (Water)	Emulsifies
Odour	Citrus	Specific Gravity	0.9 approx.
Vapour Pressure	Not determined	% Volatiles	Not determined
Vapour Density	Not determined	Flammability	Not combustible
Boiling Point	>150°C	Flash Point	>95°C
Melting Point	Not determined	pH (neat)	3
Evaporation Rate	Not determined		

10. STABILITY AND REACTIVITY

Reactivity 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 agents, strong alkalis and strong acids.
Hazardous decomposition products	Will evolve toxic gases including organic vapours and carbon oxides when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Eye	Direct contact with the eye may cause severe irritation, redness and lacrimation. Repeated or prolonged contact may cause permanent damage.
Inhalation	Inhalation of spray mist may cause respiratory irritation. Inhalation of vapour can result in headaches, dizziness, drowsiness, and possible nausea. Symptoms may be delayed.
Skin	Repeated or prolonged direct contact with the skin may produce redness and irritation.
Ingestion	Expected to be of low toxicity. Ingestion may cause abdominal pain and nausea. May be fatal if swallowed and enters airways.
Chronic	May cause an allergic skin reaction.
Toxicity Data	Oral LD50 (rat): >5000 mg/kg (estimated)

12. ECOLOGICAL INFORMATION

	The concentrated product is hazardous to the environment. Do not allow this product or used containers to be released directly to the environment. The product must be diluted and used only in accordance with the Directions for Use on the label.
Ecotoxicity	This product is regarded as toxic to aquatic organisms with long lasting effects due to the highly concentrated nature of the product. When diluted in accordance with the Directions for Use on the label, the spray mixture is not classified as toxic to the aquatic environment.
Persistence and Degradability:	All the components of this product are readily biodegradable. However, the sudden release of the concentrated product directly into aquatic systems will result in adverse long-lasting effects. No adverse effects are expected when the product is diluted and used in accordance with the label directions.

Mobility in soil	The ingredients in this product are of low mobility in soil and will rapidly degrade on contact with soil.
Bioaccumulative potential	No ingredient in this product has the potential to bioaccumulate.
Other adverse effects	There are no other adverse effects expected from the use of this product in accordance with the Directions for Use.

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 decontaminated by rinsing with water prior to disposal or recycling. Product must be contained and not disposed of in sewerage systems, drains or waterways.
Disposal of contaminated packaging	Empty packaging should be washed and 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 (New Zealand)

Classification	Not classified as a Dangerous Good according to the criteria of the New Zealand Dangerous Goods Regulatory System. NZ Standard 5433:2012 Transport of dangerous goods on land.
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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.
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Marine Pollutant	Yes.
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AIR TRANSPORT

Classification	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

AICS	All ingredients are listed on the New Zealand Inventory of Chemical Substances (NZIoC).
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.
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End of Report