

Section 1 - Identification of The Material and Supplier

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13 35 36 (all hours)

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Chemical nature: Propriety herbal granular-based mixture

Trade Name: **ECOTHOR Active Nature® Nature-Cide® Granular**

Product Use: Insecticide granular for use as described on the product label.

Creation Date: **December 2023**

This version issued: **July 2024** and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated.

GHS Classification:

Eye damage/irritation: Category 2A
Sensitisation – skin: Category 1
Germ cell mutagenicity: Category 2
Carcinogenicity: Category 1B



GHS Signal word: DANGER

HAZARD STATEMENT:

H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H341: Suspected of causing genetic defects.
H350: May cause cancer.

PREVENTION

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P261: Avoid breathing dust.
P264: Wash contacted areas thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves, eye or face protection.

RESPONSE

P302+P352: IF ON SKIN: Wash with plenty of water.
P308+P313: If exposed or concerned: Get medical advice.
P333+P313: If skin irritation or rash occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical advice.
P362+P364: Take off contaminated clothing and wash it 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.

STORAGE

P405: Store locked up.

DISPOSAL

P501: Dispose of contents and containers as specified on the registered label.

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Emergency Overview**Physical Description & colour:** Tan granule.**Odour:** Mild.**Major Health Hazards:** Irritate to eyes. May cause itching, rashes, hives and burning sensation.**Potential Health Effects****Inhalation:****Short term exposure:** Available data indicates that this product is not harmful.**Long Term exposure:** No data for health effects associated with long term inhalation.**Skin Contact:****Short term exposure:** May cause an allergic reaction.**Long Term exposure:** Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.**Eye Contact:****Short term exposure:** Causes serious eye irritation.**Long Term exposure:** No data for health effects associated with long term eye exposure.**Ingestion:****Short term exposure:** Significant oral exposure is considered to be unlikely.**Long Term exposure:** No data for health effects associated with long term ingestion.**Carcinogen Status:****SWA:** No significant ingredient is classified as carcinogenic by SWA.**NTP:** No significant ingredient is classified as carcinogenic by NTP.**IARC:** No significant ingredient is classified as carcinogenic by IARC.**Section 3 - Composition/Information on Ingredients**

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
Cedarwood Oil	8000-27-9	2.92	not set	not set.
Cinnamon Oil	8015-91-6	1.47	not set	not set.
Other non-hazardous ingredients	not allocated	to 100	not set	not set.

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 - First Aid Measures**General Information:**

You should call The Poisons Information Centre if you feel that you may have been poisoned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: Remove the victim to fresh air. If in doubt, contact a Poisons Information Centre or a doctor.**Skin Contact:** Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until product is removed. If irritation persists, get medical advice.**Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Contact a Poisons Information Centre, or call a doctor if symptoms occur.**Ingestion:** If swallowed, do NOT induce vomiting. Wash mouth with water. Contact a Poisons Information Centre, or call a doctor if symptoms occur.**SAFETY DATA SHEET**

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Use measures that are appropriate to local circumstances and the surrounding environment.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Not applicable.

Upper Flammability Limit: Not applicable.

Lower Flammability Limit: Not applicable.

Autoignition temperature: Not applicable.

Flammability Class: Not applicable.

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. No special recommendation for clothing materials. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in the clean-up area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8).

Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this SDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Store in the closed original container in a dry, cool and well-ventilated place. Keep away from children. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits

TWA (mg/m³)

STEL (mg/m³)

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: No special ventilation requirements are normally necessary for this product.

Eye Protection: Protective glasses or goggles should be worn.

Skin Protection: Prevent skin contact by wearing impervious gloves and clothes.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above. Otherwise, not normally necessary.

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Section 9 - Physical and Chemical Properties

Physical Description & colour:	Tan granule.	Water Solubility:	N/A.
Odour:	Mild.	pH:	N/A.
Boiling Point:	N/A.	Volatility:	N/A.
Freezing/Melting Point:	N/A.	Odour Threshold:	N/A.
Volatiles:	N/A.	Evaporation Rate:	N/A.
Vapour Pressure:	N/A.	Coeff Oil/water distribution:	N/A.
Vapour Density:	N/A.	Viscosity:	N/A.
Specific Gravity:	N/A.	Autoignition temp:	N/A.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.

Conditions to Avoid: None known.

Incompatibilities: None known.

Fire Decomposition: Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Toxicity: May cause irritation of respiratory tract. Causes serious eye irritation based on components. May cause redness, itching and pain. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause sensitization by skin contact. Prolonged contact may cause redness and irritation.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases
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No ingredient mentioned in the HSIS Database is present.

Section 12 - Ecological Information

The environmental impact of this product has not been fully investigated.

Section 13 - Disposal Considerations

Disposal: Special help is available for the disposal of Agricultural Chemicals. The product label will give general advice regarding disposal of small quantities, and how to cleanse containers. However, for help with the collection of unwanted rural chemicals, contact ChemClear 1800 008 182 <http://www.chemclear.com.au/> and for help with the disposal of empty drums, contact DrumMuster <http://www.drummuster.com.au/> where you will find contact details for your area.

Section 14 - Transport Information

ADG Code: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

IATA: Non-Hazardous for Air Transport.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

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Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

If there is any conflict between this SDS and the registered label, instructions on the label prevail.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

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