



Nature-Cide®

GRANULAR

TURF AND PEST MANAGEMENT

All-Natural granular insect control for turf, lawns, bedding, exterior perimeters and additional listed locations.
Kills and repels listed crawling insects & emerging larvae. Repels rodents (including Voles) and reptiles.

WATER ACTIVATED | LONG LASTING

ACTIVE INGREDIENTS:

Cedarwood Oil.....	1.57%
Cinnamon Oil.....	0.79%
OTHER INGREDIENTS*.....	97.64%
TOTAL.....	100.00%

*Limestone, Dolomite, Lecithins, Soap and Water

SAFE FOR EVERYDAY USE WHEN USED AS DIRECTED

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE BACK PANEL FOR FIRST AID AND
PRECAUTIONARY STATEMENTS

Net Weight: 20 lbs. (9.1 kg) Covers 5,000 Sq. ft.

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GRANULAR TURF AND PEST MANAGEMENT

Kills and repels listed crawling insects & emerging larvae. Repels rodents (including Voles) and reptiles.

Nature-Cide Granular is an all-natural granular insect control for turf, lawns, bedding, exterior perimeters and additional listed locations designed to kill and deter crawling insects, including emerging larvae, while repelling rodents (including Voles) and reptiles.

DIRECTIONS FOR USE: Read entire label prior to use and use as directed. Apply Nature-Cide Granular using a broadcast or handheld mechanical spreader to grass, lawn and ornamental areas as described (See use sites below) to control insects. Pay careful attention to areas and harborages conducive to pest infestations. Application areas include, but are not limited to lawns, gardens, shrub & mulched areas and exterior structure perimeter (See use sites below). Water the treated areas twice per week for the first two weeks; water releases the ingredients. For best results allow 7 to 14 days for the ingredients to migrate through the soil areas. Set spreader to deliver medium application for light to moderate pest presence. Can use at a higher spreader rate for severe infestations. Consult your spreader instructions for settings.

SUGGESTED SETTINGS FOR OTHER SPREADERS

Drop Spreaders:	RepublicEZ - 7;	Scott AccuGreen - 6;	Sears Drop - 6		
Rotary Spreader:	Earthway - 8;	RepublicEZ - 3;	Sears Rotary - 3;	EasyGreen - 26 1/2	
Scott's:	Standard - 4;	Delux - 4;	EdgeGar - 4;	SpeedyGreen - 4;	LawnPro - 4

USE SITES: Exterior lawns and landscape of Agricultural buildings, animal rearing and handling establishments, commercial, daycare, educational, food handling and food processing establishments, garages, healthcare facilities, home and commercial greenhouses, hospitality, industrial, municipal, institutional, multi-family, other man-made structures, recreational, research and residential. Turf sites including, but not limited to: Lawns, landscape and turf: Agricultural / farming establishments, golf courses, lawns, ornamental turf, parks, playing fields, right-of-ways and residential. If applications need to be made near or around man made fish ponds take extra care to avoid application into water or cover the ponds with a breathable material, such as a cotton sheet, prior to application. Remove breathable material after product has been applied.

LISTED SPECIES: Crawling insects and emerging larvae, including but not limited to: all species of Ants, Armyworms, Beetles, Billbugs (adult), Centipedes, Chinch bugs, Cockroaches, Crickets, Cutworms, Earwigs, Fleas, Ground nesting wasps & Cicadas Killer Wasps, Mealybugs, Millipedes, Pillbugs, Silverfish, Sodworms, Sowbugs and Ticks.

COVERAGE: This package size of 20 lbs. (9.1 kg) will cover approximately 5000 square feet at medium spreader setting. One application at medium flow rate should perform satisfactorily. Can be used at a higher spreader rate for heavy pest pressure. This product affects most rodents and reptiles including rats, mice, voles and snakes sense of smell and taste, which conditions the pest to forage elsewhere; it does not kill rodents and/or reptiles. Heavy or thick layers of dead grass or leaves may inhibit product granules from contacting the soil/ground and interfere with dispersing the ingredients into the soil; if this is the case, remove excess dead grass and leaves prior to the application of Nature-Cide Granular.

PRECAUTIONARY STATEMENTS: This product can cause irritation to eyes, mouth, lungs and skin. Avoid breathing dust; avoid contact with eyes. Should eye contact occur, flush well with large amounts of fresh water. Wearing proper PPE such as a mask, goggles and gloves are recommended. Wash hands thoroughly with soap and water after application of this product. Keep children and pets off treated areas until after the first watering session; allow application area to dry before allowing children or pets to play on the treated area.

STORAGE AND DISPOSAL: **Storage:** Store in the original package in a cool, dry place and out of reach of children and pets. **Disposal:** Rinse before disposal. Empty, rinsed container may be disposed of in regular trash. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Do not contaminate water, food or feed by storage and disposal. Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

This product has not been registered by the United States Environmental Protection Agency. Pacific Shore Holdings, Inc. represents that this product qualifies for exemption from registration under FIFRA Section 25(b). This product is not for use in Alabama, the District of Columbia, Indiana, Kansas, Louisiana, Maryland, Mississippi, New Mexico, South Dakota and Washington.

Nature-Cide Granular is a Pacific Shore Holdings, Inc. product.
Distributed By: Pacific Shore Holdings, Inc. 8236 Remmet Ave. Canoga Park, CA 91304
Customer Service: customerservice@nature-cide.com or 877-248-0488; nature-cide.com



Safety Data Sheet

Nature-Cide®

According to OSHA HCS (29 CFR § 1910.1200(g)) as Published in the Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012

1 IDENTIFICATION

Product Identifier:

Product Name: Nature-Cide® Granular
Product Code: None
Synonyms: N/A: Product is a proprietary herbal granular-based mixture

Manufacturer Information:

Pacific Shore Holdings, Inc.
8236 Remmet Avenue
Canoga Park, CA 91304

Toll Free: 877.248.0488
Phone: 818.998.0996
Fax: 818.885.9874
Email: info@pac-sh.com
Website: www.nature-cide.com

Emergency Phone Numbers: National Poison Control: 800.222.1222

Recommended Use: This product is a granular based outdoor crawling bug insecticide/repellent.
Use Restrictions: None.

2 HAZARDS IDENTIFICATION

Hazard Classification: Category 2A: Serious eye damage/eye irritation
Category 1: Skin sensitization
Category 2: Germ cell mutagenicity
Category 1B: Carcinogenicity

Signal Word:

DANGER

Hazard Statements:

Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing genetic defects. May cause cancer.

Precautionary Statements:

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing/eye protection/face protection. Thoroughly wash face, hands and any exposed skin after handling. Avoid breathing dust/fumes/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.

Response: If exposed or concerned, get medical advice/attention. **If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if eye irritation persists. **If on Skin:** Wash with plenty of water and soap. Get medical advice/attention if skin irritation or rash occurs. Wash contaminated clothing before reuse.

Storage: Store locked up. **Disposal:** Dispose of contents/container to an approved waste disposal plant.

Unknown Acute Toxicity:

97.63% of this mixture consists of ingredient(s) of unknown toxicity.
91.08% of this mixture consists of ingredient(s) of unknown acute oral toxicity.
97.63% of this mixture consists of ingredient(s) of unknown acute dermal and acute inhalation (gas/vapor/dust/mist) toxicity.



3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight	Hazardous Material Information Review Act ("HMIRA") Registry Number	Date HMIRA Filed and Date Exemption Granted (if applicable)
Limestone	1317-65-3	Trade Secret	-	-
Cedarwood Oil	8000-27-9	1.57%	-	-
Cinnamon Oil	8015-91-6	0.79%	-	-

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4 FIRST AID MEASURES

General Advice: Show this Safety Data Sheet to the doctor in attendance. Get medical advice/attention if exposed or concerned.

Inhalation: Remove to fresh air.

Eye Contact: Immediately rinse eyes with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin Contact: Wash skin with soap and water. May cause an allergic skin reaction. See a physician in the case of skin irritation or allergic reaction.

Ingestion: Clean mouth with water and drink plenty of water afterwards. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a physician.

Self-protection of the first aider: Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see Section 8).

Most Important Symptoms and Effects, both Acute and Delayed: Itching, rashes, hives and burning sensation.

Indication of any Immediate Medical Attention and Special Treatment Needed: May cause sensitization in susceptible persons. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

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

Large Fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable Extinguishing Media: Do not scatter spilled material with high pressure water streams.

Specific Hazards Arising from the Chemical: Product is or contains a sensitizer. May cause sensitization by skin contact.

Hazardous Combustion Products: Carbon oxides.

Explosion Data:

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Special Protective Equipment for Fire-Fighters: Fire-fighters should wear self-contained breathing apparatus and full fire-fighting turnout gear. Use personal protection equipment.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Other Information: Refer to protective measures listed in Sections 7 and 8.

Emergency Procedures: First responders and cleanup crew must wear appropriate protective gear/clothing. Secure the accidental release area and call for trained, professional assistance as warranted.

Containment Methods: Prevent further leakage or spillage if safe to do so.

Cleanup Methods: Pick up and transfer to properly labeled containers.

7 HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Limestone (CAS Number 1317-65-3):

ACGIH TLV	OSHA PEL	NIOSH IDLH	Alberta	British Columbia	Ontario TWAEV	Quebec
-	TWA: 15 mg/m ³ TWA: 5 mg/m ³	TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust	TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 3 mg/m ³ STEL: 20 mg/m ³	-	TWA: 10 mg/m ³

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Engineering Controls: Showers, eyewash stations and ventilation systems.

Eye/Face Protection: Wear safety glasses with side shields (or goggles).

Hand Protection: Wear suitable gloves.

Skin/Body Protection: Wear suitable protective clothing.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General Hygiene: Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practices.

9 PHYSICAL AND CHEMICAL PROPERTIES

Auto-ignition temperature:	N/D	Partition coefficient: n-octanol/water:	N/A
Color:	Tan	pH:	N/A
Decomposition temperature:	N/D	Physical state:	Granular solid
Evaporation rate:	N/D	Relative density:	@ 68 lbs/ft ³
Flammability (solid,gas):	N/D	Solubility(ies):	Not soluble
Flash point:	N/A	Upper/lower explosive limits:	N/D
Freezing point:	N/A	Upper/lower flammability limits:	N/D
Initial boiling point and range:	N/A	Vapor pressure:	N/A
Melting point:	N/D	Viscosity:	N/A
Odor:	Mild	N/A = Not Applicable	N/D = Not Determined

10 STABILITY AND REACTIVITY

Reactivity: No information available.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None under normal processing.

Hazardous Polymerization: Does not occur.

Conditions to Avoid: None known based in information supplied.

Incompatible Materials: Non known based on information supplied.

Hazardous Decomposition Products: Carbon oxides.

11 TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Inhalation: Specific test data for the mixture is not available. May cause irritation of respiratory tract.

Eye Contact: Specific test data for the mixture is not available. Causes serious eye irritation based on components. May cause redness, itching and pain.

Skin Contact: Specific test data for the mixture is not available. May cause sensitization by skin contact based on components. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. May cause irritation. Prolonged contact may cause redness and irritation.

Ingestion: Specific test data for the mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Toxicological Effects:

Symptoms: Itching, rashes and hives. May cause redness and tearing of the eyes.

Acute Toxicity:

The following value is calculated based on Chapter 3.1 of the GHS document: ATEmix (oral): 20,555.00 mg/kg

Unknown Acute Toxicity:

97.63% of this mixture consists of ingredient(s) of unknown toxicity.

91.08% of this mixture consists of ingredient(s) of unknown acute oral toxicity.

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Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Cedarwood Oil	> 5 g/kg (rat)	> 5 g/kg (rabbit)	-
Cinnamon Oil	= 2650 mg/kg (rat)	> 5 g/kg (rabbit)	-

Delayed and Immediate Effects as well as Chronic Effects from Short- and Long-Term Exposure:

Skin corrosion/irritation: May cause skin irritation.

Serious eye damage/eye irritation: Classification based on data available for ingredients: Causes serious eye irritation.

Respiratory or Skin Sensitization: May cause sensitization by skin contact.

Germ Cell Mutagenicity: Classification based on data available for ingredients: Contains a known or suspected mutagen.

Carcinogenicity: Classification based on data available for ingredients: Contains a known or suspected carcinogen.

Reproductive Toxicity: No information available.

STOT-Single Exposure: No information available.

STOT-Repeated Exposure: No information available.

Aspiration Hazard: No information available.

12 ECOLOGICAL INFORMATION (NON-MANDATORY)

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

Persistence and Degradability: No information available.

Bioaccumulation: There is no data for this mixture.

Mobility: No information available.

Other Adverse Effects: No information available.

13 DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Waste from Residues/Unused Products: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated Packaging: Do not reuse empty containers.

14 TRANSPORT INFORMATION (NON-MANDATORY)

DOT, TDG, MEX, ICAO, IATA, IMDG/IMO, RID, ADR and ADN: Not Regulated

15 REGULATORY INFORMATION (NON-MANDATORY)

ODS (Ozone-Depleting Substances): Not applicable.

POP (Persistent Organic Pollutants): Not applicable.

ENR (Export Notification Requirements): Not applicable.

AICS (Australian Inventory of Chemical Substances): Contact supplier for inventory compliance status.

DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substances List): Contact supplier for inventory compliance status.

EINECS/ELINCS (European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances): Contact supplier for inventory compliance status.

ENCS (Japan Existing and New Chemical Substances): Contact supplier for inventory compliance status.

KECL (Korean Existing and Evaluated Chemical Substances): Contact supplier for inventory compliance status.

PICCS (Philippines Inventory of Chemicals and Chemical Substances): Contact supplier for inventory compliance status.

TSCA (U.S. Toxic Substances Control Act Section 8(b) Inventory): Contact supplier for inventory compliance status.

U.S. Federal Regulations:

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 ("SARA"). This product does not contain any chemicals that are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories: Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 317, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act ("CERCLA") (40 CFR 302) or the Superfund Amendments and Reauthorization Act ("SARA") (40 CFR 355). There may be specific reporting requirements at the local, regional or state levels pertaining to releases of this material.

U.S. State Regulations:

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations: This product may contain substances regulated by state right-to-know regulations:

Chemical Name/CAS Number	Illinois	Massachusetts	New Jersey	Pennsylvania	Rhode Island
Limestone/1317-65-3		X	X	X	

16 OTHER INFORMATION

NFPA	Health Hazards: 2	Flammability: 0	Instability: 0	Physical and Chemical Properties -
HMIS	Health Hazards: 2*	Flammability: 0	Physical Hazards: 0	Personal Protection: X
*Chronic Health Hazard				

SDS Information:

Number: NCG
Date Prepared: May 3, 2018
Version: 1

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specific in the test.