

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:
Product Code:
Formula Number: 050515-3-A-SNE
Synonyms: N/A: Product is a proprietary herbal powder mixture.

Distributor Information:

Toll Free:
Phone:
Fax:
Email:
Website:

Emergency Phone Numbers:

Recommended Use: This product is an insecticidal powder.
Use Restrictions: Use only according to label directions and precautionary statements.

2 HAZARDS IDENTIFICATION

Hazard Classification: This mixture is not considered hazardous by the 2012 OSHA Communication Standard (29 CFR 1910.1200).
Precautionary Statements: None required.
Hazards Not Otherwise Classified: Not applicable.
Unknown Toxicity: 75% of the mixture consists of ingredient(s) of unknown toxicity.
Other Information: May be harmful if swallowed; may cause slight eye irritation.
Hazard Statements: None required.
Interactions with Other Chemicals: No information available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Active Ingredients: 8.4% Geraniol (CAS No. 106-24-1) and 0.1% Cornmint Oil (CAS No. 68917-18-0)
Inert Ingredients: 91.5% Proprietary mixture of Diatomaceous Earth (CAS No. 61790-53-2), Sodium Bicarbonate (CAS No. 144-55-8), Calcium Silicate (CAS No. 1344-95-2) and Calcium Carbonate (CAS No. 471-34-1).
Exact percentages of Inert Ingredients are withheld as a trade secret.

4 FIRST-AID MEASURES

Eye Contact: Thoroughly rinse with plenty of water, also under the eyelids.
Skin Contact: Wash with soap and water.
Inhalation: Move to fresh air.
Ingestion: Immediately rinse mouth and drink plenty of water. Do not give anything by mouth to an unconscious person.
Note to Physician: Treat symptomatically.
In all cases, contact a physician or poison control center if irritation or symptoms persist.

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5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use measures that are appropriate to local circumstances and the surrounding environment.
 Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.
 Specific Hazards Arising from this Mixture: No information available.
 Uniform Fire Code: COMBUSTIBLE DUST/POWDER
 Hazardous Combustion Product(s): Carbon oxides
 Sensitivity to Mechanical Impact: No.
 Sensitivity to Static Discharge: No.
 Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes.
 Environmental Precautions: Refer to protective measures listed in Sections 7 and 8.
 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

Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing.
 Storage Recommendations: Store in original, tightly closed container. Keep away from children.
 Incompatible Products: None known.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters - Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-----------------------|---|--|--|
| Supplier Trade Secret | - | (vacated) TWA: 6 mg/m ³ <1% Crystalline silica: (80)/(%) SiO ₂ mg/m ³ TWA TWA: 20 mppcf | TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust |
| Supplier Trade Secret | TWA: 10 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica synthetic nonfibrous | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |
| Supplier Trade Secret | - | TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³ | TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust |

ACGIH TLV: American Conference of Governmental Industrial Hygienists Threshold Limit Value; OSHA PEL: Occupational Safety and Health Administration Permissible Exposure Limits; NIOSH IDLH: National Institute of Occupational Safety and Health Immediately Dangerous to Life or Health.

Other Exposure Guidelines: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 995 F.2d 962 (11th Cir., 1992).
 Appropriate Engineering Controls – Engineering Measures: Showers; eyewash stations; ventilation systems.
 Individual Protection Measures – Personal Protective Equipment:
 Eye/Face: No special protective equipment required.
 Skin/Body: No special protective equipment required.
 Respiratory: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
 Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

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9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------------|-------------------|---|----------------------|
| Auto-ignition temperature: | N/A | Partition coefficient: n-octanol/water: | N/D |
| Color: | Off-white | pH: | N/A |
| Decomposition temperature: | N/D | Physical state: | Powder |
| Evaporation rate: | N/D | Relative density: | N/D |
| Flammability (solid,gas): | Not flammable | Solubility(ies): | N/A |
| Flash point: | N/A | Upper/lower explosive limits: | N/A |
| Freezing point: | N/A | Upper/lower flammability limits: | N/A |
| Initial boiling point and range: | N/A | Vapor pressure: | N/D |
| Melting point: | N/D | Viscosity: | N/A |
| Odor: | Mild herbal aroma | N/A = Not Applicable | N/D = Not Determined |

10 STABILITY AND REACTIVITY

Reactivity: No data available.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Does not occur.
Conditions to Avoid: None known.
Incompatible Materials: None known.
Hazardous Decomposition Products: Carbon oxides.

11 TOXICOLOGICAL INFORMATION

No toxicological data are available for this mixture. Likely routes of exposure are through inhalation and accidental eye/skin contact. Mild immediate effects, such as irritation or redness, may occur. No delayed or chronic effects due to exposure are expected from either short- or long-term exposure. Contains a suspected carcinogen ingredient.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LD50 |
|-----------------------|--------------------|-------------|-----------------|
| Supplier Trade Secret | = 3400 mg/kg (Rat) | - | - |
| Supplier Trade Secret | = 6450 mg/kg (Rat) | - | - |

Carcinogenicity

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|-----------------------|-------|---------|-----|------|
| Supplier Trade Secret | | Group 3 | | X |

IARC: International Agency for Research on Cancer; Group 3: Not classified as to carcinogenicity to humans; OSHA: Occupational Safety and Health Administration of the U.S. Department of Labor; X: Present.

Numerical Measures of Toxicity – Product Information:

The following value is calculated based on Chapter 3.1 of the GHS document: ATEmix (oral): 3903 mg/kg

12 ECOLOGICAL INFORMATION (NON-MANDATORY)

Exotoxicity

No environmental impact data are available for this mixture.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | <i>Daphnia magna</i> (water flea) |
|-----------------------|-------------------|---|----------------------------|-----------------------------------|
| Supplier Trade Secret | | 72h LC50 > 10000 mg/L (<i>Cyprinus carpio</i>) | | X |

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13 DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: Dispose of contents/containers in accordance with local regulations.

This product contains a substance listed with the State of California as a Toxic Hazardous Waste.

14 TRANSPORT INFORMATION (NON-MANDATORY)

This product is not regulated for transport.

15 REGULATORY INFORMATION (NON-MANDATORY)

This product has not been registered by the United States Environmental Protection Agency. The company identified in Section 1 represents that this product qualifies for exemption from registration under FIFRA Sec. 25(b).

International Inventories: TSCA: Complies DSL: All components are listed either on the DSL or NDSL
TSCA: United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List

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.

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

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): This material does not contain any substances regulated as hazardous under CERCLA (40 CFR 302).

SARA (Superfund Amendments and Reauthorization Act): This material does not contain any substances regulated as hazardous under SARA (40 CFR 355).

There may be specific requirements at the local, regional or state level 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

| Chemical Name | Illinois | Massachusetts | New Jersey | Pennsylvania | Rhode Island |
|-----------------------|----------|---------------|------------|--------------|--------------|
| Supplier Trade Secret | X | | X | | |
| Supplier Trade Secret | | X | X | X | |
| Supplier Trade Secret | | | X | | |

International Regulations:

Mexico National Occupational Exposure Limits

| Chemical Name | Carcinogen Status | Exposure Limits |
|-----------------------|-------------------|---|
| Supplier Trade Secret | | Mexico TWA: 10 mg/m ³ |
| Supplier Trade Secret | | Mexico TWA: 10 mg/m ³ |
| Supplier Trade Secret | | Mexico TWA: 10 mg/m ³ Mexico STEL: 10 mg/m ³ |

Mexico - Occupational Exposure Limits - Carcinogens

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Canada WHMIS Class: Not Determined

16 OTHER INFORMATION

| | | | | |
|-------|-------------------|-----------------|----------------|--|
| NFPA: | Health Hazards: 0 | Flammability: 0 | Instability: 0 | Physical and Chemical Hazards-Personal Protection: X |
| HMIS: | Health Hazards: 1 | Flammability: 0 | Instability: 0 | Physical and Chemical Hazards-Personal Protection: X |

SDS Information:

| | |
|----------------|------------|
| Number: | 050515 |
| Date Prepared: | 08/01/2023 |
| Version: | 1 |

DISCLAIMER

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 a guidance for safe handling, use, process, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific designated material and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.