

# Safety Data Sheet

## SNS-244 Fungicide Ready to Use

### SECTION 1: PRODUCT AND COMPANY INFORMATION

**Manufacturer** Sierra Natural Science Inc., 1031 Industrial Street, Unit C, Salinas, CA. 93901, 1-877-626-5505 - [www.sierranaturalscience.com](http://www.sierranaturalscience.com)  
**Product Family** Natural Fungicide  
**Trade Name(s)** SNS-244 Fungicide Ready to Use  
**Recommended Uses** Fungal control in plants. Diluted solution ready to use.

**24-Hour Emergency Phone Number CHEMTREC (800) 424-9300**

### SECTION 2: HAZARD IDENTIFICATION

| EMERGENCY OVERVIEW        |                | HMIS                       |               |  |  |
|---------------------------|----------------|----------------------------|---------------|--|--|
| <b>GHS Classification</b> |                | <b>HEALTH</b>              | 0             |  |  |
| <b>Physical Hazards</b>   | Not Classified | <b>FLAMMABILITY</b>        | 0             |  |  |
|                           |                | <b>PHYSICAL HAZARD</b>     | 0             |  |  |
| <b>Health Hazards</b>     | Not Classified | <b>PERSONAL PROTECTION</b> | See Section 8 |  |  |
| <b>Signal Word</b>        | Not Applicable |                            |               |  |  |

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS Number | Percentage |
|-----------|------------|------------|
| Thyme oil | 8007-46-3  | 1 - 5      |

### SECTION 4: FIRST AID MEASURES

**Skin Contact** Remove contaminated clothing including shoes. Wash area of contact with soap and water. Wash contaminated clothing and shoes before reuse. Get medical attention if irritation occurs and persists.  
**Eye Contact** Remove contact lenses if present. Immediately flush eyes with water until all traces of material are gone. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.  
**Inhalation** Remove affected person from source of exposure. Get medical attention if ill effects or discomfort persists.  
**Ingestion** Do not induce vomiting because of danger of aspiration into lungs. If spontaneous vomiting occurs, monitor for breathing difficulty. Get medical attention if discomfort or ill effects occur.

### SECTION 5: FIREFIGHTING MEASURES

#### Basic Firefighting Procedures

Product will not burn. Use fire-fighting procedures appropriate for surrounding fire. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment.

#### Unusual Fire and Explosion Hazards

Irritating or toxic substances may be emitted.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Refer to Section 8: Exposure Control and Personal Protection

#### Emergency Action

Isolate release area and keep unnecessary people away. Exercise caution regarding personnel safety and exposure.

#### Spill/Leak Procedure

Floor and surfaces may be slippery. Dike with sand or other noncombustible material. Absorb small amounts with inert material and flush area with water for larger spills.

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### SECTION 7: HANDLING AND STORAGE

Refer to Section 8: Exposure Control and Personal Protection

**Handling** Wear proper protective equipment to avoid prolonged contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not ingest. Use good hygiene practices when handling product, including changing and laundering work clothes after use. Get medical attention if you feel unwell. The shipping and storage container is not designed to be pressurized. Do not use pressure to empty the container as it may rupture. Containers should be completely drained, properly closed, and disposed of properly. Empty containers may contain residue or vapors. Do not cut, grind, drill, weld or reuse containers.

**Storage** Store product in closed containers in a well-ventilated area away from heat, sources of ignition and incompatibles. Do not store in unlabeled containers.

### SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

|                  |              |             |
|------------------|--------------|-------------|
| <b>Component</b> | <b>ACGIH</b> | <b>OSHA</b> |
|------------------|--------------|-------------|

Not Applicable

**Engineering Controls**

Use exhaust ventilation to control vapor and mist.

**Eye and Face Protection**

Always wear safety glasses; use face shield if splashing is possible.

**Skin Protection**

Oil and chemical resistant gloves should be used to avoid prolonged or repeated contact.

**Respiratory Protection**

A NIOSH or MSHA approved respirator may be used to prevent possible irritation in areas with high vapor concentrations or misting.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                   |                              |   |                |
|-----------------------------------|------------------------------|---|----------------|
| <b>Appearance/Physical State</b>  | White to light yellow liquid | <b>Flash Point</b>  | Not Applicable |
| <b>Specific Gravity (Water=1)</b> | 0.994                        | <b>Upper/Lower Flammability Limits (Vol. %)</b>           | Not Applicable |
| <b>pH</b>                         | 6.5-6.8                      | <b>Auto-ignition Temperature</b>                          | Not Applicable |
| <b>Solubility in Water</b>        | Soluble                      | <b>Decomposition Temperature</b>                          | Not Determined |
| <b>Odor</b>                       | Characteristic (thyme)       | <b>Vapor Pressure (kPa at 20°C / 68°F)</b>                | Not Determined |
| <b>Odor Threshold</b>             | Not Determined               | <b>Vapor Density (Air=1)</b>                              | Not Determined |
| <b>Melting/Freezing Point</b>     | Not Determined               | <b>Partition Coefficient (n-octanol/water)</b>            | Not Determined |
| <b>Boiling Range</b>              | Not Determined               | <b>Viscosity (40°C mm<sup>2</sup>/s) or (cSt at 40°C)</b> | Not Determined |
| <b>Initial Boiling Point</b>      | Not Determined               | <b>Critical Temperature</b>                               | Not Determined |

**Note:** Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Those should be requested separately.

### SECTION 10: STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                                 | Does not react under normal conditions of use.          |
| <b>Chemical Stability</b>                         | Stable under normal conditions of use.                  |
| <b>Stability/Incompatibility</b>                  | None known  |
| <b>Conditions to Avoid</b>                        | None known  |
| <b>Hazardous Reactions/Decomposition Products</b> | Will not occur under normal storage and use conditions. |

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### SECTION 11: TOXICOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>Likely Routes of Exposure</b>                           | Inhalation, skin, eyes  |
| <b>Acute Effects</b>                                       | LD <sub>50</sub> and LC <sub>50</sub> of the product are not determined but are expected to be high based on toxicity of components. Long term or excessive contact, inhalation or ingestion may cause irritation or discomfort. Refer to Sections 2 and 4 for recommended actions. |
| <b>Medical conditions aggravated by long term exposure</b> | Eye, skin and respiratory disorders   |
| <b>Chronic Effects</b>                                     | Any acute symptoms may be aggravated. Refer to Sections 2 and 4 for recommended actions.  |
| <b>Symptoms</b>  | May include redness, cracking of the skin, gastrointestinal and respiratory discomfort. Refer to Sections 2 and 4 for recommended actions.  |
| <b>Carcinogenicity</b>                                     | No components of this product are found to be carcinogens by NTP, IARC or OSHA.   |

### SECTION 12: ECOLOGICAL INFORMATION

|   |                 |
|---|-----------------|
| <b>Ecotoxicity</b>                      | Not Determined. |
| <b>Persistence and Biodegradability</b> | Not Determined  |
| <b>Bioaccumulative Potential</b>        | Not Determined  |
| <b>Mobility in Soil</b>                 | Not Determined  |

### SECTION 13: DISPOSAL CONSIDERATION

Dispose of this product in compliance with all applicable federal, state and local regulations.

### SECTION 14: TRANSPORT INFORMATION

|                                    |               |
|------------------------------------|---------------|
| <b>DOT</b>                         | Not Regulated |
| <b>UN Proper Shipping Name/No.</b> | Not Regulated |

### SECTION 15: REGULATORY INFORMATION

|  |  |
|--|--|
| <b>Chemical Inventory Lists</b>                    | All ingredients are listed on TSCA and DSL |
| <b>SARA (311/312) Reportable Hazard Categories</b> | None                                       |

### SECTION 16: OTHER INFORMATION

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Prepared By: [Sierra Natural Science, Inc.](#)