

Safety Data Sheet

SNS-244C Concentrate Fungicide

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
Product Family Natural Fungicide
Trade Name(s) SNS-244C Concentrate Fungicide
Recommended Use Fungal control in plants. Concentrated solution

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

SECTION 2: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW		HMIS		
GHS Classification		HEALTH	1	
Physical Hazards	Not Classified	FLAMMABILITY	0	
		PHYSICAL HAZARD	0	
Health Hazards	Not Classified	PERSONAL PROTECTION	See Section 8	
Signal Word	Caution			

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Thyme oil	8007-46-3	1 - 5%
Rosemary oil	8000-25-7	1 - 5%
Clove oil	8000-34-8	1 - 2%

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

Component	ACGIH	OSHA
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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

Appearance/Physical State	White to light yellow liquid	Flash Point	Not Applicable
Specific Gravity (Water=1)	0.998	Upper/Lower Flammability Limits (Vol. %)	Not Applicable
pH	6.0-6.7	Auto-ignition Temperature	Not Applicable
Solubility in Water	Soluble	Decomposition Temperature	Not Determined
Odor	Characteristic (thyme)	Vapor Pressure (kPa at 20°C / 68°F)	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	Not Determined
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	Not Determined	Viscosity (40°C mm ² /s) or (cSt at 40°C)	Not Determined
Initial Boiling Point	Not Determined	Critical Temperature	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

Reactivity Does not react under normal conditions of use.

Chemical Stability Stable under normal conditions of use.

Stability/Incompatibility None known

Conditions to Avoid None known

Hazardous Reactions/Decomposition Products

Will not occur under normal storage and use conditions.

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SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure	Inhalation, skin, eyes
Acute Effects	LD ₅₀ and LC ₅₀ 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.
Medical conditions aggravated by long term exposure	Eye, skin and respiratory disorders
Chronic Effects	Any acute symptoms may be aggravated. Refer to Sections 2 and 4 for recommended actions.
Symptoms	May include redness, cracking of the skin, gastrointestinal and respiratory discomfort. Refer to Sections 2 and 4 for recommended actions.
Carcinogenicity	No components of this product are found to be carcinogens by NTP, IARC or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not Determined.
Persistence and Biodegradability	Not Determined
Bioaccumulative Potential	Not Determined
Mobility in Soil	Not Determined

SECTION 13: DISPOSAL CONSIDERATION

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

SECTION 14: TRANSPORT INFORMATION

DOT	Not Regulated
UN Proper Shipping Name/No.	Not Regulated

SECTION 15: REGULATORY INFORMATION

Chemical Inventory Lists	All ingredients are listed on TSCA and DSL
SARA (311/312) Reportable Hazard Categories	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.](#)