

Material Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Natunex™ TechDust®

Manufacturer: TyraTech, Inc.
5151 McCrimmon Parkway, Suite 275
Morrisville, NC 27560

Information and Assistance Phone Number: CHEMTREC 1.800.424.9300

Email Contact: msdsinfo@tyratech.com

Product Use: Control of insects and other invertebrate pests.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

This material is an insecticidal dust composed of 3-6% by weight of thyme oil combined with calcium silicate, sodium bicarbonate, calcium carbonate, solvent and wintergreen oil to form an insecticidal dust. All ingredients in this dust are FIFRA exempt materials according to the US EPA.

SECTION 3: HAZARDS IDENTIFICATION

APPEARANCE: Material is off white powder with a fresh mint odor.

KEEP OUT OF REACH OF CHILDREN – CAUTION –
Avoid contact with eyes, skin, clothing and plants. Wash thoroughly with soap and water after handling.

EMERGENCY OVERVIEW: Material may cause mild eye and respiratory irritation.

SECTION 4: FIRST AID MEASURES

Eye: If dust inadvertently comes in contact with eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts if present, after the first 5 minutes then continue rinsing eye. If irritation develops contact a doctor for treatment advice.

Skin: Wash contact area thoroughly with soap and water. If irritation develops contact a doctor for treatment advice. Remove contaminated clothing in advent of spill and wash clothing before reuse.

Inhalation: If irritation is experienced, remove person to fresh air. Seek medical attention if irritation persists.

Ingestion: In case of accidental ingestion, rinse mouth out with water and contact a doctor for treatment advice.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not available

Extinguishing Media: Use any media that is appropriate for the surrounding fire.

Special Fire Fighting Procedures: Wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing for all fires involving chemicals. Cool fire exposed containers with water.

Unusual Fire Hazards: Fine dust particles generated during processing may be combustible.

Hazardous Decomposition Products: Oxides of carbon and nitrogen and products of incomplete combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill: Keep unauthorized personnel away. Avoid eye contact and wear appropriate eye protection (safety glasses with sideshields are recommended). Ensure proper respiratory protection for dust concentrations above personal exposure limit (PEL) of 10 mg/M³, American Conference of Government and Industrial Hygienists, (ACGIH). Vacuum dust with equipment fitted with a HEPA filter. Use a dust suppressant such as water if sweeping is necessary. Ventilate closed spaces before entering. Place dust in appropriate container for disposal. Report spills and releases as required to appropriate authorities.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid breathing dust. Use with ventilation adequate to keep dust concentration below Personal Exposure limit for respirable nuisance dust of 10 mg/M³ (ACGIH). Avoid contact with the eyes. Avoid prolonged contact with skin and clothing. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Avoid excessive dust generation or accumulation during processing.

Storage: Store in a cool, dry location away from heat or open flame. Keep containers sealed when not in use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Use in a well ventilated area.

Respiratory Protection: None required for the normal use of this product.

Skin Protection: None required for normal use. Avoid prolonged skin contact. Wash if spilled on skin.

Eye Protection: Avoid eye contact. Wear safety glasses or goggles with sideshields where eye contact is possible.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Off white powder with fresh mint odor.	Vapor Pressure: Not available
pH: Not available	Water Solubility: Forms a suspension when mixed with water
Specific Gravity: Not available	Vapor Density: Not available
Boiling Point: Not applicable	Evaporation Rate: Not available
Melting Point: Not applicable	

Material Safety Data Sheet

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Incompatibility: Product may react with strong oxidizing agents.
Hazardous Decomposition Products: Do not breathe smoke from burning material. Smoke may contain potentially toxic products of incomplete combustion.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Avoid sources of ignition.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: May cause eye irritation.
Skin: Minimal likelihood of skin irritation.
Inhalation: Inhalation of dust may cause respiratory irritation.
Ingestion: Predicted to possess low acute oral toxicity, based on rodent acute toxicity studies of individual plant essential oil active ingredients, and quantities contained in this material.

Chronic Hazards: Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease.
Medical Conditions Aggravated by Exposure: Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma.
Acute Toxicity Values: Not available

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL INFORMATION

Dispose in accordance with all local and national regulations. Do not reuse empty container. Destroy when empty.

SECTION 14: TRANSPORT INFORMATION

Not regulated for surface transport by US Department of Transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
CERCLA 103 Reportable Quantity: This product is not Subject to CERCLA release reporting. Many states have more stringent regulations. Follow state regulations for disposal of this material. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Acute Health
Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None
Section 302 Extremely Hazardous Substances (TPQ): None
EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the EPA TSCA inventory.

STATE REGULATIONS:

California Proposition 65: These products contain the following substances known to the State of California to cause cancer: None.

SECTION 16: OTHER INFORMATION

Corresponding ratings for a given formulation.

HMIS Ratings: Health - 1	Flammability - 2	Reactivity - 0
NFPA Ratings: Health - 1	Flammability - 2	Reactivity - 0