

Material Safety Data Sheet



CORPORATE HEADQUARTERS
7300 North Kendall Drive
Suite 521
Miami, Fl 33156-78513,USA

Aramite™ Insecticide-Acaricide
MSDS No. 0149

Date of Preparation: 3/18/09
Date of review: 3/25/09

CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585

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MSDS

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I. Product Identification

Product Name : ARAMITE™
Chemical Name: A blend of Natural Oils
Chemical Family: Plant Extracts
General Use : Fungicide
EPA Number: Not required

II. Composition / Information on Ingredients

Ingredient (CAS #)	Percentage	Exposure Limits
Cinnamon Oil (8007-80-5)	40%	
Clove Oil (8000-34-8)	10%	

III. Physical Data

Boiling Point : ~240 °C
Melting Point : ~ 0 °C
Solubility in Water : Emulsifies
Appearance and Odor: Clear yellow, odor of cinnamon
Vapor Pressure (@ 25° C): .02 mm Hg
Vapor Density : 4.2
Freezing Point : N/A
Specific Gravity (25° C): 1.00-1.02
pH: 6.0-8.0

IV. Fire & Explosion Data

Flash Point (Method): 71 °C
Extinguishing Media: Use foam, dry chemicals, carbon dioxide, or other extinguishing media.
Special Firefighting Procedures : Wear full protective clothing. Wear self-contained breathing apparatus

V. Reactivity Hazard Data

Stability : Stable at normal conditions
Conditions to avoid : Heat, flames, ignition sources and incompatibles.
Incompatibility : Sodium hydroxide, strong oxidizers and bases.
Hazardous Polymerization : Will not occur
Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition.

VI. Health Hazard Data

Carcinogenic Information: Not listed as carcinogenic.
Chronic Effects of Overexposure : none currently known, where the product is used under conditions of good industrial hygiene.
Other Toxic Effects : none currently known.
LD50: Based on LD50 of componentes, the LD50 is > 5000 mg/Kg

VII. Emergency and First Aid Procedures

Ingestion: If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention.
Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Eye Contact : Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.
Skin Contact : None Remove any contaminated clothing. Wash skin with soap or mild detergent and water

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for at least 15 minutes. Get medical attention if irritation develops or persists.

Note to Physician : Test symptomatically and supportively. Ingestion may result in irritation to the digestive tract.

VIII. Special Protection Information

Airborne Exposure Limits: None established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to the substance is apparent and engineering controls are not feasible, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. **WARNING:** Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

IX. Spill or Leak Procedures

Steps to be Taken in Case Material is released or Spilled: Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer!

Waste Disposal Methods : Dispose of in accordance with all applicable federal, state and local regulations.

X. Special Precautions

Precautions to be Taken in Material Handling and Storing : Store in original, sealed container in cool, ventilated area. Protect from freezing or overheating. Avoid open flames and sparks. Keep in secured area, away from children and unauthorized people. Do not contaminate water supplies, lakes, streams or ponds.

Other precautions:

XI. Shipping Information

Shipping Name: Not Regulated by DOT (highway), IMDG (water), or IATA (air).

Hazard Class: None

Identification No: None

Labels required: None

Placarding: None required

Freight Class: Compound, Fungicide Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70).

Hazardous Substance : Acute Health Hazard

EPA SARA Title III Data: This product does not contain toxic chemicals listed on SARA Section 313 Community Right to Know or Toxic release Inventory. All components of this product are listed on the TSCA inventory.

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XII. Other Information

National Fire Protection Association Rating:

(Rating level: 4- Extreme, 3- High, 2- Moderate, 1-Slightly, 0-Minimum)

Health: 2

Fire: 0

Reactivity: 1

S.A.R.A. Title III Hazard Classification: (No)

Immediate (Acute) Health: Y

Delayed (Chronic) Health: N

Sudden Release of pressure: Y

Fire: N

Reactive: N

Prepared by: EXCEL AG technical Personnel

Revision Notes :

Disclaimer: Reasonable care has been taken in preparation of this information. The information contained herein is based on the data available to us and is believed to be correct as of the date prepared; however, ExcelAg Corp., makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.