

STATEMENT OF HAZARDOUS NATURE

Comite[®] Miticide has been determined as hazardous according to the criteria of the Occupational Health & Safety Commission.

COMPANY DETAILS

COMPANY: Crompton Specialties Pty Ltd
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IDENTIFICATION

PRODUCT NAME: Comite Miticide
OTHER NAMES: Propargite
MANUFACTURER'S CODE: DO 14
UN NUMBER: 3082
DANGEROUS GOODS CLASS: 9 (miscellaneous)
HAZCHEM CODE: 2X
POISONS SCHEDULE NUMBER: S6
USE: For the control of cotton mites (*Tetranychus* sp.) in cotton.
Apply by spraying using a ground-rig or aurally.

PHYSICAL DESCRIPTION / PROPERTIES:

APPEARANCE AND ODOR: Dark brown liquid, slight solvent odor.
BOILING POINT: 235-264°C
MELTING POINT: Not Applicable
VAPOR PRESSURE (@ 25°C): Not Available
SPECIFIC GRAVITY (H₂O = 1): 1.014
FLASHPOINT: 71°C
FLAMMABILITY LIMITS (%): Not Available
SOLUBILITY: Emulsifiable in water. Miscible in organic solvents.

OTHER PROPERTIES:

STABILITY: Stable at ambient temperatures and pressures.
INCOMPATIBILITY: Strong acids and alkalis.

INGREDIENTS:

CHEMICAL ENTITY	CAS NUMBER	PROPORTION
Propargite Tech.	2312-35-8	600 g/L

HEALTH HAZARD INFORMATION

Comite is classified as hazardous according to the criteria of the National Occupational Health and Safety Commission.

Harmful (Xn): (Propargite) R22 Harmful if swallowed
R36 Irritating to eyes
(Exxsol) R65 Harmful: May cause lung damage if swallowed

HEALTH EFFECTS:**ACUTE**

Swallowed: May result in nausea, vomiting, diarrhea, abdominal pain and increased salivation. Severe poisoning may result in mental confusion, convulsions and unconsciousness.

Acute oral LD₅₀ = 2200 mg/kg (rat)

Eye: Contact with eyes may cause irritation.

Skin: Contact with skin will result in irritation. Repeat contact with skin can result in allergic contact dermatitis. Propargite can be absorbed through the skin with toxic effects.

Acute dermal LD₅₀ > 3400 mg/kg (rabbit)

Oral doses of this compound have been shown to cause depression, labored breathing, ataxia and diarrhea. Similar symptoms may occur through skin absorption.

Inhaled: Vapor may be an irritant to the mucous membranes and respiratory tract.

CHRONIC

Skin: Formulation is a skin sensitizer (guinea pig).

Toxicology: Studies in animals have shown that propargite does not produce mutagenic. No teratogenic effects were produced in pregnant rats, however in rabbits the NOEL (No Observable Effect Level) for teratogenicity is 10 mg/kg/day. Tests in rats have shown propargite to be an experimental animal carcinogen when indicated Maximum Tolerated Dose is exceeded. Therefore, propargite is a possible human carcinogen.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126.

Swallowed: Rinse mouth with water. If patient is conscious, give plenty of water to drink. Where more than 15 minutes from a hospital, induce vomiting either using fingers in the throat or with Ipecac Syrup APF.

Eye: Hold eye(s) open and flush with water for at least 15 minutes. Seek medical advice.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Propargite may be absorbed through the skin with a resultant toxic effect.

Inhaled: Remove patient to fresh air. Remove contaminated clothing and loosen remaining clothing. Keep patient warm, relaxed and comfortable until fully recovered. If effects persist, seek medical advice.

FIRST AID FACILITIES:

Eye wash station.

ADVICE TO DOCTOR:

Treat symptomatically.

PRECAUTIONS FOR USE**EXPOSURE STANDARDS:**

None allocated for this material by the National Occupational Health and Safety Commission (Work safe Australia).

ENGINEERING STANDARDS:

Avoid breathing spray mist. Use only in a well ventilated area. Keep containers closed when not in use.

PERSONAL PROTECTION:

Avoid contact with eyes and skin. Do not inhale vapor or spray mist. Do not eat, drink or smoke while using. Wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves, a face shield and disposable facemask. In the absence of adequate ventilation, use a respirator fitted with an agricultural chemical cartridge(s). If product on skin, immediately wash area with soap and water. After use and before eating, drinking, smoking or using the toilet, wash hands, arms and face thoroughly with soap and water. Launder contaminated clothing and protective equipment before storing or re-using.

FLAMMABILITY:

Combustible liquid. Use in well-ventilated area away from heat and naked lights.

SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT:**

Correct Shipping Name: UN No. 3082. ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S (CONTAINS PROPARGITE) MARINE POLLUTANT.

Packaging Group: III

Classified as a 9 (MISCELLANEOUS) Dangerous Substance by the Australian Code for the Transport of Dangerous Goods by Road or Rail. Refer to relevant regulations for storage and transport requirements. This material is a Scheduled Poison (S6) and must be stored, maintained and used according to the relevant regulations.

Store in original container, away from children, animals, food and feedstuffs. Storage must be secure, and locks and/or seals in order, so contents cannot be tampered with. Check regularly for leaks. Keep cool and dry and out of direct sunlight or other sources of heat and ignition.

SPILLS :

Wear protective equipment to prevent skin and eye contamination as well as inhalation of vapors. Contain using sand or soil. Do not contaminate watercourses or drains with products or containers. Use absorbent (soil, sand, vermiculite or other inert materials). Transfer into secure, sealed and properly labeled containers for disposal. Do not reuse 200 L container for any purpose. If there is contamination of crops or waterways, advise emergency services or State Department of Agriculture.

DISPOSAL:

If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

The minibulk container (1000 L) is reusable and remains the property of IAMA Limited. No other liquid, solid or pesticide product should be put into it. When empty, return to IAMA Limited for cleaning, relabelling and refilling.

For the bulk road tanker, empty contents fully into application equipment. Ensure all valves are closed prior to refilling or returning to point of supply for refill or storage.

COMITE® MITICIDE

MSDS No. 39392A

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FIRE / EXPLOSION HAZARD:

Combustible Liquid: Toxic fumes are emitted when burning, including oxides of sulfur. Protect against inhalation of vapor and combustion products by wearing self-contained breathing.

Extinguishing media: Foam, dry agent (carbon dioxide, dry chemical powder), fog or water spray. Contain runoff.

Hazchem Code: 2 X

OTHER INFORMATION**ENVIRONMENTAL HAZARDS:**

Comite is highly toxic to aquatic organisms. Identified as a marine pollutant by the International Maritime Organization. Do not contaminate waterways with product or containers.

Propargite technical: Bluegill Sunfish: 96hr LC₅₀ = 0.168 mg/kg

Rainbow Trout: LC₅₀ = 0.118 mg/kg

Catfish : 96hr LC₅₀ = 0.04 mg/kg

Mallard Duck: LC₅₀ > 4640 mg/kg

Bob White Quail: LC₅₀ = 3401 mg/kg

Minnow: 96 hr LC₅₀ = 0.101 mg/kg

IMPORTANT PLEASE READ:

This Material Safety Data Sheet provides certain basic health and safety information ("Information") about Comite Miticide ("Product").

You should read the Information carefully. This product may be dangerous if not handled or used properly. You should not use the Product unless you are satisfied after reading the Information that it is suitable for your purposes outline.

Crompton Specialties Pty Ltd and its related companies and distributors ("Crompton") shall not be liable (including, without limitation, liable in negligence) for any expenses, losses, damages or costs that you may suffer or incur as a result of your failure to read the Information carefully or the Product being incapable of achieving any purpose.

Crompton excludes all implied conditions, warranties and other terms implied by statute or common law, except any implied condition or warranty the exclusion of which would contravene any statute or cause any part of this paragraph to be void ("Non-excludable Condition"). In the event of any breach of any Non-excludable Condition (other than where the customer is a "consumer" as defined under the Trade Practices Act and there is a breach of any Non-excludable Condition in respect of goods or service of a kind ordinarily acquired for personal, domestic or household use or consumption) Crompton's liability shall be limited to any one of supplying, replacing or repairing the goods in respect of which the breach occurred.

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