

OMITE® 300W WETTABLE POWDER MITICIDE

MSDS No: A312007A

DATE OF ISSUE: 20th October 1998

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COMPANY DETAILS - AUSTRALIAN DISTRIBUTOR

COMPANY: Uniroyal Chemical Pty Ltd
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IDENTIFICATION

PRODUCT NAME: Omite® 300W Wettable Powder Miticide
OTHER NAMES: Propargite
MANUFACTURER'S CODE: D0 14 (propargite tech)
UN NUMBER: 3077
DANGEROUS GOODS CLASS: 9 (miscellaneous)
HAZCHEM CODE: 2 [Z]
PACKAGING GROUP: III
POISONS SCHEDULE NUMBER: S6
USE: For control of mites in various fruits, vegetables, hops & ornamental plants

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE AND ODOUR: Grey powder with characteristic odour
MELTING POINT: Not relevant
BOILING POINT: Not relevant
VAPOUR PRESSURE (@ 20°C): 2 mm Hg
SPECIFIC GRAVITY (H₂O = 1): 1.73
BULK DENSITY: 400 - 560 kg/m³
FLASHPOINT: 94°C
FLAMMABILITY LIMITS (%): 0.071 kg/m³
SOLUBILITY: 5.5% in water @ 20°C

OTHER PROPERTIES

STABILITY: Light stable. Degrades slowly in heat.
INCOMPATIBILITY: Strong acids and alkalis, heat & humidity
AUTOIGNITION TEMPERATURE: 450°C
EVAPORATION RATE: No data (butyl acetate = 1)
VOLATILITY @ 20°C: Low

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INGREDIENTS

CHEMICAL ENTITY

Propargite

CAS NUMBER

2312-35-8

PROPORTION

300.0 g/kg

HEALTH HAZARD INFORMATION**HEALTH EFFECTS**

No adverse health effects are expected if the product is handled in accordance with this MSDS and the product label.

ACUTE

SWALLOWED: Slightly toxic.

Acute oral LD₅₀ (rat) > 5,840 mg/kg

EYE: Contact with eyes can cause severe irritation.

SKIN: Contact with skin can cause moderate irritation.

Acute dermal LD₅₀ (rabbit) > 10,000 mg/kg

INHALED: May cause irritation to lungs and mucous membranes.

Individuals with respiratory problems should avoid inhalation exposure.

Acute inhalation LC₅₀ (rat) > 20 mg/L

CHRONIC

Repeated exposure may cause allergic disorders. Chronic inhalation may cause lung damage.

Toxicology:

Propargite is non-mutagenic in multi *in vitro* assays. Tests in rats have shown propargite to be an experimental animal carcinogen when indicated Maximum Tolerated Dose is exceeded. Studies in rats and mice have shown that repeated doses of propargite do not produce teratogenic effects.

FIRST AID

SWALLOWED: If patient is fully conscious, give plenty of water to drink. If more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF. Seek immediate medical assistance.

EYE: Hold eye(s) open and flush with water for 15 minutes. Seek immediate medical assistance.

SKIN: Wash thoroughly with soap and plenty of water. Remove contaminated clothing and laundry before reuse. Seek medical assistance.

INHALED: Remove to fresh air. Avoid becoming a casualty. Remove contaminated clothing. Keep at rest until fully recovered. Seek medical assistance.

FIRST AID FACILITIES

Eye wash station.

ADVICE TO DOCTOR

Treat symptomatically.

PRECAUTIONS FOR USE**EXPOSURE STANDARDS**

Product: No exposure standard (TWA) allocated

Constituents: Recommended exposure standard (TWA) for talc = 2.5 mg/m³

ENGINEERING STANDARDS

Sufficient ventilation to minimise dust exposure. Extra ventilation not required under normal use conditions. Protect closed dust handling systems against possible dust explosions. Avoid dust accumulations on building or equipment surfaces. Keep containers closed when not in use.

PERSONAL PROTECTION

Avoid all personal contact. When preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves, face shield and goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles. In the absence of adequate ventilation, use a respirator fitted with an agricultural chemical cartridge(s). After use and before eating, drinking, smoking or using the toilet, wash hands, arms and face thoroughly with soap and water. Launder clothing before storing or re-using.

FLAMMABILITY

Not flammable under conditions of use.

SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT**

Dangerous Good Class: 9 - Miscellaneous

Correct Shipping Name: Environmentally Hazardous Substances, Solid, N.O.S.
(contains propargite) marine pollutant

Packaging Group: III

Store and transport in accordance with the Australian Code for the Transport of Dangerous Goods by Road & Rail

Marine Pollutant (International Maritime Dangerous Goods Code, 25th amendment).

Store in original container, away from seeds, fertilizers, animal and human feedstuffs, strong acids and alkalis, sources of direct heat and humidity. Keep dry and out of direct sunlight. Store below 30°C. Keep containers closed when not in use.

SPILLS

Vacuum up to avoid creating dust. Transfer into secure containers for proper disposal. Use personal protective equipment as outlined above to prevent skin and eye contamination and inhalation of dust. Do not contaminate watercourses or drains with the product or containers. Do not reuse the container for any purpose.

DISPOSAL

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, desirable vegetation and tree roots. Empty containers and product should not be burnt.

FIRE/EXPLOSION HAZARD

NOT FLAMMABLE.

Extinguishing Media: Water fog, foam or dry chemical. Contain runoff.

HAZCHEM Code: 2[Z]

Produces oxides of sulphur on combustion. Avoid inhalation of fumes. Fire-fighters to wear self-contained breathing apparatus. Reacts with strong acids and alkalis.

OTHER INFORMATION**ENVIRONMENTAL HAZARDS**

Highly toxic to fish and aquatic organisms. Not toxic to birds. Low hazard to bees.

Do not apply directly to water or wetlands. Do not contaminate water ways with runoff or equipment rinsings.

SPECIAL NOTES

All information contained in this Material Safety Data Sheet (MSDS) is as accurate and up-to-date as possible. Because Uniroyal Chemical Pty Ltd and its distributor companies cannot anticipate or control the conditions under which this information may be used, each user should review this information in the specific context of the intended application.

Uniroyal Chemical Pty Ltd and its distributor companies will not be responsible for damages of any nature resulting from use of or reliance upon this information. No expressed or implied warranties are given other than those implied mandatorily by Commonwealth, State or Territory legislation.

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MATERIAL SAFETY DATA SHEET

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