



MATERIAL SAFETY DATA SHEET

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STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia

COMPANY NAME & ADDRESS

Multicrop (Aust.) Pty. Ltd.
PO Box 302
Bayswater
Victoria 3153,

Tel : (03) 8720 2100
Fax : (03) 9720 5051
Poison Information Centre Tel : 13 11 26

PRODUCT IDENTIFICATION

Product Name : **MULTICROP PYRETHRUM + GARLIC INSECT SPRAY (RTU)**
U.N. Number : Not Applicable.
Hazchem Code : Not Applicable.
Dangerous Goods Class : Not Applicable.
Poisons Schedule : Not Applicable.
Active Constituents : Pyrethrins; Piperonyl Butoxide; Garlic Extract;
Active Constituents Qty : 0.3g/L 1.2g/L 15g/L
CAS No. : 121-21-1, 121-21-9; 51-03-6; 86-87-3.

Use : Multicrop Pyrethrum Plus Garlic Insect Spray is a contact insecticide. It is based on pyrethrins, which are extracted from dried flowers. This product is safe to the environment, is non residual and has very low mammalian toxicity (one of the least toxic domestic insecticides available). Multicrop Pyrethrum Plus Garlic Insect Spray is an effective insecticide, insect repellent and flushing agent. Pyrethrins are well known for their rapid action, lack of insect immunity, broad spectrum activity and lack of persistence. Garlic Extract provides its own insecticidal activity as well as a proven repellency. Piperonyl Butoxide is added to improve the performance of the pyrethrins.

PHYSICAL PROPERTIES & DESCRIPTION

Appearance	: Light amber liquid.
Boiling Point (760mmHg)	: Similar to Water.
Corrosiveness	: Non-corrosive.
Evaporation	: Minimal.
Flammability	: Non-flammable.
Flash Point (°C)	: Not applicable.
Odour	: Distinctive smell of garlic.
Oxidizing/Reducing	: None.
pH	: Similar to water.
Solubility (% by wt)	: 99-100%.
Specific Gravity	: 0.98 to 1.002.
Stability	: Very Stable. After application readily breaks down on exposure to direct sun light and air. Depending on conditions and point of application, can remain viable from one to several days.

HEALTH HAZARD INFORMATION

Health Hazard	: Practically non-toxic to man and animals, non-irritation to mammals or birds and is non-carcinogenic and non-mutagenic. Dermal absorption is very low.
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HEALTH EFFECTS:

Ingestion	: Product is quite rapidly metabolised in mammals and no tissue accumulation occurs. Large volumes ingested may cause some gastrointestinal disturbances.
Eye	: May cause moderate and transient irritation.
Skin	: Very poor dermal absorption occurs and is generally non-irritating.
Inhaled	: Non irritant.

FIRST AID:

Ingestion	: Do not induce vomiting; give large quantities of milk (preferred), or water. With any abnormalities seek medical attention.
Eye	: Irrigate with copious quantities of water for at least 15 minutes. With persistent irritation seek medical attention.
Skin	: Remove contaminated clothing and wash skin and clothes (exposed parts) and clothes with plenty of warm water and soap.
Inhaled	: If irritation occurs, remove person to fresh air and rest.
Notes to Physician	: Treat symptomatically.

PRECAUTIONS FOR USE

Personal	: Maintain good personal hygiene. Wash contaminated clothes and skin with warm water and soap.
Ventilation	: Natural ventilation is sufficient to remove any vapours. Open windows and/or doors, etc. as is necessary.
Flammability	: Non-flammable.
Storage	: Shake well before use.

SAFE HANDLING INFORMATION

Spillage	: Wash spill with plenty of water.
Disposal	: Washings can be collected and spread around garden beds, and plants.
Storage/Transport	: Store in original, tightly closed container, in a cool, dry, dark area. Avoid extremes of temperature and continued exposure to direct sunlight.
Fire Hazard	: None.
Explosion Hazard	: None.

OTHER INFORMATION

This product is biodegradable and leaves no harmful residues.

DISCLAIMER

This Material Safety Data Sheet has been developed according to Worksafe Australia / NOHSC Guidelines.

All information is as accurate and up to date as possible. Since Multicrop (Aust.) Pty. Ltd. cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Multicrop (Aust.) Pty. Ltd. will not be responsible for damages of any nature resulting from use of or reliance upon this information.

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