



Product Name: Ausgro Sharp Shooter Natural Pyrethrum Insect Spray

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This revision issued: July, 2010

SECTION 1 - IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

Ausgro Technologies Pty Ltd

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East Dandenong Vic 3175

Trade Name: Sharp Shooter Natural Pyrethrum Insect Spray (RTU)

Product Use: Domestic ready-to-use Pyrethrum insect spray.

Creation Date: February, 2004

Revision Date: July, 2015

Section 2 - Hazards Identification

Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Poisons Schedule: None allocated

Physical Description & colour: Slightly turbid colourless liquid.

Odour: Practically odourless.

Major Health Hazards: no significant risk factors have been found for this product.

Section 3 - Composition/Information on Ingredients

Product Description: Ready to use insecticide for the control of aphids, thrips, caterpillars, ants, flies, earwigs and cabbage moths indoors and outdoors. White cloudy liquid with a mild odour.

Components / CAS Number	Proportion	Risk Phrases
Pyrethrins (pyrethrum) 8003-34-7	0.03%	R20/21/22 R50/53
Piperonyl butoxide 51-03-6	0.12%	
Emulsifier	<1%	
Water 7732-18-5	up to 100%	

Section 4 - First Aid Measures

For advice, contact a Poisons Information Centre Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

Inhalation: Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

Eye Contact: If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible

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precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

Medical attention and special treatment: Treat symptomatically.

Section 5 - Fire Fighting Measures

Hazards from combustion products: Non-combustible material.

Precautions for fire fighters and special protective equipment: Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media: Not combustible, however, if material is involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Section 6 - Accidental Release Measures

Methods and materials for containment and clean up: Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers. If contamination of sewers or waterways has occurred advise local emergency services.

Section 7 - Handling and Storage

Conditions for safe storage: Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

Precautions for safe handling: Keep out of reach of children. Avoid skin and eye contact.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Pyrethrum: 8hr TWA = 5 mg/m³, Sen

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

'Sen' Notice - sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls: Natural ventilation should be adequate under normal use conditions.

Personal Protective Equipment: Avoid contact with eyes and skin. Do not inhale spray mist. Wash hands after use.

Section 9 - Physical and Chemical Properties:

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Physical state: Liquid

Colour: White Cloudy

Odour: Mild

Solubility: Emulsifiable with water. in water.

Specific Gravity: 1.002

Relative Vapour Density (air=1): N Av

Vapour Pressure (20 °C): N Av

Flash Point (°C): N App

Boiling Point/Range (°C): N Av

pH: N App

Evaporation Rate: N Av

Section 10 - Stability and Reactivity

Chemical stability: Stable under normal conditions of use.

Section 11 - Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: No adverse effects expected, however, large amounts may cause nausea and vomiting.

Eye contact: May be an eye irritant.

Skin contact: Contact with skin may result in irritation. May cause skin sensitisation in sensitive individuals. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Inhalation: Material may be irritant to the mucous membranes of the respiratory tract (airways).

Long Term Effects:

No information available for the product.

Toxicological Data:

No LD50 data available for the product. For the constituent Pyrethrum (1):

Oral LD50 (rat): 2370 mg/kg (male); 1030 mg/kg (female)

Dermal LD50 (rat): >1500 mg/kg

Section 12 - Ecological Information

Ecotoxicity: Avoid contaminating waterways.

Aquatic toxicity: Toxic to fish.

Section 13 - Disposal Considerations

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Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

Section 14 - Transport Information

Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

Section 15 - Regulatory Information

Classification: Based on available information, not classified as hazardous according to criteria of ASCC; NON HAZARDOUS SUBSTANCE.

Poisons Schedule: None allocated.

This product is registered in Australia by the Australian Pesticides & Veterinary Medicines Authority (APVMA).

Section 16 - Other Information

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This MSDS is prepared in accord with the NOHSC document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]