

Aug 2011

## MATERIAL SAFETY DATA SHEET

### Picket Natural Pyrethrum Insecticidal Concentrate

This product is NOT classified as a Hazardous Substance according to the criteria of NOHSC Worksafe Australia

This product is NOT Dangerous Goods according to the Australian Dangerous Good (ADG) Code

#### 1. IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

Manufacturer: Pestech Australia Pty Ltd P: 1800 12345 7  
Unit 7 – 14/28 Ivan Street M: 0407 30 8867  
ARUNDEL QLD 4214 F: 075500 5766

Product Name: Picket Natural Pyrethrum Insecticidal Concentrate

Active ingredients: Pyrethrins and piperonyl butoxide

Formulation type: Emulsifiable concentrate

Poison Schedule: Not applicable

Recommended use: For use in food storage, handling and production facilities to control a wide range of insect pests. (See label claims)

#### 2. COMPOSITION of and information on INGREDIENTS:

100 g/L Pyrethrins 600 g/L piperonyl butoxide

#### 3. HAZARDS IDENTIFICATION

Hazard Designation: not a Hazardous Substance according to the criteria of NOHS Worksafe Australia. NOT a Dangerous Good according to the Australian Dangerous Goods Code

Safety Phrases: Not Hazardous

SUSDP Classification: None allocated

ADG Classification: None allocated

UN Number: None allocated

4. General Information: This product is not considered to be toxic. You should call the Poisons Information Centre 13 11 26 if you think someone has been affected. Have this MSDS with you when you phone.

Inhalation: Avoid breathing the droplets. May cause irritation and sneezing.

Skin Contact: Non-irritating. Wash with soap and water after use.

Eye Contact: Direct eye contact will cause irritation. Flush with clean, lukewarm water. Obtain medical advice if irritation lasts more than a few minutes.

Ingestion: Distasteful. Do not swallow

#### 5. FIRE FIGHTING MEASURES

Explosion Hazards: Non-explosive

Fire Extinguisher type: Non Flammable

Fire Fighting Procedures and Precautions: Non Flammable

Hazardous Decomposition Products: Not applicable

Flash Point: not applicable Flammability Class: not applicable

#### 6. ACCIDENTAL RELEASE/SPILL MEASURERS

Prevent spillage from entering drains, sewers or watercourses. If contamination thereof is unavoidable, warn the local water authority. Spills should be soaked up by adsorption and material placed in sealable, labeled, drums for safe disposal in an approved landfill, and in accordance with the requirements of local or State Waste Management Authorities. Do not burn empty containers.

#### 7. HANDLING AND STORAGE

Handling: Avoid skin contact of the concentrate, avoid breathing droplets. Wash hands and contaminated clothing after use.

Storage: Store product in sealed original containers in a dry, cool, well ventilated and secure area out of direct sunlight. Store well away from food and feed. Keep out of reach of children and animals.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation: Avoid breathing droplets during application  
Personal Protective Equipment: Not required during application  
Eye Protection: Not required during application  
Skin Protection: - Not required during application  
Respirator: - Not required during application

## 9. PHYSICAL & CHEMICAL PROPERTIES

Physical Description: pale amber viscous liquid                      Odor: slight spicy aroma  
Specific Gravity: 1.031                      Water Solubility: Disperses in water  
Volatility: Boiling point 760mmHg: 180C  
Ignition: Not flammable

## 10. STABILITY & REACTIVITY

Reactivity: Stable under normal conditions of use and storage.  
Conditions to Avoid: Excessive UV light.  
Fire Decomposition: Not flammable

## 11. TOXICOLOGICAL INFORMATION

Chronic Toxicity: No particular abnormalities were observed on test populations of rats at greater than 5000mg/kg oral or dermal exposure.  
Reproductive Effects: pyrethrins did not interfere with reproduction in animal studies.  
Teratogenic Effects: pyrethrins did not cause birth defects in laboratory animals.  
Mutagenic Effects: pyrethrins has not been shown to cause changes in living cells.  
Carcinogenic Effects: pyrethrins did not cause cancer in long term animal studies.  
Carcinogenic status: pyrethrins is not considered to be carcinogenic.

## 12. ECOLOGICAL INFORMATION

Pyrethrins can be used with high safety around humans and other vertebrates.  
Effects on Aquatic Organisms: This product can be hazardous to small aquatic arthropods and should not be allowed to contaminate ponds or streams, containing aquatic life.

## 13. DISPOSAL CONSIDERATIONS

Empty containers and product should not be burnt, but consigned to a local authority landfill.

## 14. TRANSPORT INFORMATION

This product is not a Dangerous Good. No special transport conditions are required.

## 15. REGULATORY INFORMATION

AICS: All of the significant ingredients in this formulation are to be found in the public AICS Database

APVMA Approval No. 41784/i-2-5-20/0707

This MSDS summarises our best knowledge of the health and safety information of this product. Each user must review this MSDS in the context of how the product will be used by them. If clarification or further information is needed, the user should contact Pestech Australia P/L so we can attempt to obtain additional information.

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