

Aug 2013

## MATERIAL SAFETY DATA SHEET

### PyBo 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:** Py Bo Natural Pyrethrum Insecticidal Concentrate

**Active ingredients:** Pyrethrins and piperonyl butoxide

**Formulation type:** Emulsifiable concentrate

**Poison Schedule:** Not applicable

**Recommended use:** For use on Fruit and vegetable crops to control a wide range of insect pests. (See label claims)

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

80 g/L Pyrethrins 480 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.

**Incompatibilities:** can be sprayed with fungicides and foliar fertilizers

**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.** 53738/250-1-5-20/0107

**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.**

**August 2013**