



**DATE OF ISSUE:** 26/01/2003

**COMPANY DETAILS**

**Company Name:** Pharmachem  
**Address:** Unit 6, 70 Fison Ave West, EAGLE FARM QLD 4009  
**Emergency Telephone:** (07) 3868 0333  
**Fax:** (07) 3868 0344 **E-Mail:** [info@pharmachem.com.au](mailto:info@pharmachem.com.au)  
**Contact;** Gray Boston

---

**IDENTIFICATION**

Trade name : Heartworm Soluble Tablets containing 68 ug, 136ug and 272 ug ivermectin  
Active Content respectively : 0.034%w/w/ 0.068%w/w / 0.136 %w/w ivermectin in dextrose base

**1. Active Identification**

**Active name:** ivermectin  
**CAS No. of active** 70288-86-7.  
**Molecular Weight active:** Ivermectin B<sub>1a</sub> M.Wt= 874 units  
Ivermectin B<sub>1b</sub> M.Wt = 860 units

**Chemical Formula Active:** Ivermectin B<sub>1a</sub> C<sub>48</sub>H<sub>74</sub>O<sub>14</sub>

Ivermectin B<sub>1b</sub> C<sub>47</sub>H<sub>72</sub>O<sub>14</sub>

**2. Physical Data Of Tablets:**

Melting Point	Water Solubility	pH value	Odour	Gravity
NA	Soluble	7	Meaty	> 1

---

**3. Fire and Explosion Data Of Tablets**

Flash Point \_\_\_\_\_ N.A. Auto Ignition Temperature \_\_\_\_\_ N.A.

Extinguishing Media \_\_\_\_\_ Water, carbon dioxide, Dry Chemical

---



#### **4. Potential Health Effects Of Tablets**

**CAUTION! MAY CAUSE EYE IRRITATION.**

Health Rating: 1 - Slight

Flammability Rating: 1 - Slight

Reactivity Rating: 0 - None

Contact Rating: 1 - Slight

Lab Protective Equip: GOGGLES; LAB COAT

Storage Color Code: Orange (General Storage)

#### **5. First Aid Measures For tablets**

##### **Inhalation:**

Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.

##### **Ingestion:**

Not expected to require first aid measures. If large amounts were swallowed, give water to drink and get medical advice. Induce vomiting by giving Ipec Syrup.

##### **Skin Contact:**

Not expected to require first aid measures. Wash thoroughly with running water. Get medical advice if irritation develops.

##### **Eye Contact:**

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

#### **6. Fire Fighting Measures**

##### **Fire:**

Flash point: > 101.1C (> 214F) CC

Not considered to be a fire hazard.

##### **Explosion:**

Not considered to be an explosion hazard.

##### **Fire Extinguishing Media:**

Dry chemical, foam, water or carbon dioxide.

##### **Special Information:**

**In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.**

---



## **7. Accidental Release Measures**

Spill Or Leak Procedures \_\_\_\_\_ Small Spills May Be Flushed to Sewer or Swept up. Large  
Spills should be collected.  
Waste Disposal Information \_\_\_\_\_ Should Be Disposed Properly  
RCRA Hazardous Waste \_\_\_\_\_ No

## **8. Handling and Storage**

**Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.**

---

## **9. Exposure Controls/Personal Protection**

### **Airborne Exposure Limits:**

**None established.**

### **Ventilation System:**

**In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.**

### **Personal Respirators (NIOSH Approved):**

**Not expected to require personal respirator usage.**

### **Skin Protection:**

**Wear protective gloves and clean body-covering clothing.**

### **Eye Protection:**

**Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.**

## **10. Physical and Chemical Properties**

**Appearance:** 68 ug tablet \_\_\_red : 136 ug tablet \_\_\_\_\_green : 272ug tablet\_\_\_\_\_blue

**Odor:** Light meaty odor.

**Solubility:** Soluble in water

**Specific Gravity:** > 1.00

**pH:** about 7 when dissolved in water at 1%

**Melting Point:** Melts with decomposition



### **11. Stability and Reactivity Stability:**

Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: carbon oxides/carbon dust.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers.

### **12. Ecological Information**

Environmental Fate:

**For all tablets:** When released into the soil, this material is not expected to biodegrade rapidly. When released into the soil, this material is not expected to leach into groundwater. When released into the soil, this material is not expected to evaporate significantly. When released into water, this material is not expected to biodegrade. When released into water, this material is not expected to evaporate significantly. When released into the air, this material may be removed from the atmosphere to a moderate extent by dry deposition.

Environmental Toxicity:

No information found.

---

### **13. Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.