



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Sevin® 5-D Insecticide Dust

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** 17534

**Code:** 5174351

**Chemical Name:** Carbaryl: 1-Naphthyl Methyl Carbamate

**Synonyms:** Sevin

**Chemical Family:** Carbamate

**Product Use:** Insecticide

**TDG Classification:** Not Regulated

### SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Carbaryl	5.0	63-25-2	Oral,rat 264 Dermal,rabbit >2000	5 mg/m3 (OSHA PEL) 0.5 mg/m3 (ACGIH TLV)
Calculated LD50 for mixture			5280	LC50,rat 2.5 mg/L/4hr

### SECTION 3 - PHYSICAL DATA

**Physical State:** Solid

**Specific Gravity:** Not Applicable

**Boiling Point:** Not Applicable

**Vapour Pressure:** No Data

**% Volatiles:** No Data

**Solubility in Water:** Insoluble

**Appearance\Odour:** Off white powder, mild odor

**pH:** No Data

**Freezing/Melting Point:** Not Applicable

**Vapour Density:** Not Applicable

**Evaporation Rate:** Not Applicable

### SECTION 4 - FIRE AND EXPLOSION

**Flash Point:** Not Applicable

**Lower Explosion Limit %:** Not Applicable

**Fire Extinguishing Media:** Dry Chemical, Foam, Carbon Dioxide, Water Fog

**Fire Fighting Procedures:** Wear Self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off.

**Other Fire or Explosion Hazards:** None Known.

**Autoignition Temperature:** No Data

**Upper Explosion Limit %:** Not Applicable

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** Prolonged exposure to elevated temperatures, 40 °C and above, results in thermal decomposition.

**Incompatibility (Materials to Avoid):** Alkaline conditions

**Hazardous Decomposition Products:** Oxides of Carbon, Nitrogen and Sulphur.

**Hazardous Polymerization:** Will Not Occur

# Sevin® 5-D Insecticide Dust

## SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** May cause temporary irritation to eyes, nose, throat and respiratory tract. Inhalation or ingestion may cause nausea, vomiting and nervous systems symptoms.

**Effects of Chronic Exposure:** Carbaryl is a reversible cholinesterase inhibitor. The antidote is atropine sulphate.  
**Other Health Effects:** None Known

## SECTION 7 - FIRST AID PROCEDURES

**Inhalation:** Move victim to fresh air and restore breathing if required. Seek medical advice if symptoms or conditions persist.  
**Skin Contact:** Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.  
**Ingestion:** Give 1/2 to 1 glass of water (200 TO 500 ml) to dilute material. Do not induce vomiting. Seek immediate medical attention. Never give anything by mouth to an unconscious person.  
**Eye Contact:** Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek medical attention.

## SECTION 8 - PREVENTIVE MEASURES

**Respiratory Protection:** NIOSH/MSHA approved respirator, if required.  
**Eye Protection:** Chemical goggles.  
**Skin Protection:** Chemical resistant gloves.  
**Other Personal Protective Equipment:** Coveralls.  
**Engineering Controls:** Local exhaust or ventilation.  
**Handling Procedures and Equipment:** Avoid breathing dust, contact with eyes, skin and clothing. Wash thoroughly after use.  
**Storage Requirements:** Store in cool, dry, ventilated area. Keep out of reach of children and pets.  
**Storage Temperature:** Min: none °C Max: 40 °C

## SECTION 9 - ENVIRONMENTAL PROTECTION DATA

**Spill and Leak Procedures:** Stop leak and contain spill. Sweep up spilled material and shovel into waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.  
**Waste Disposal:** Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.  
**Environmental Effects:** Do not contaminate local water supplies or environments.

The information contained herein is considered accurate and offered only as a guide to the handling of this specific material. This information, does not relate to its use with any other material or product or in any process. No warranty, expressed or implied is made regarding the accuracy of the data or the performance of the material. This Material Safety Data Sheet is valid for three years from Issue Date.

**Prepared by:** Technical Department

**Issue Date:** November 2010