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MATERIAL SAFETY DATA SHEET

PRODUCT: Liquid Sevin® Insecticide

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 17971

Code: 7 30242 0

Chemical Name: Carbaryl - 1-Naphthyl Methyl Carbamate

7 30243 0

Synonyms: Sevin

Chemical Family: Carbamate

Product Use: Domestic Insecticide

TDG Classification: Per Case: Limited Quantity, >500 Kg: Class 9

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Carbaryl	22.5	63-25-2	Oral, rat 1947 Dermal, rabbit >2000	LC50, rat 2.5 mg/L/4 hr
Calculated LD50 for mixture			8660	

SECTION 3 - PHYSICAL DATA

Physical State: Liquid

Specific Gravity: 1.123

Boiling Point: 100.2 °C

Vapour Pressure: No Data

% Volatiles: No Data

Solubility in Water: Miscible

Appearance\Odour: White suspension, mild odour

pH: 6.5 - 7.0

Freezing/Melting Point: - 3 °C

Vapour Density: No Data

Evaporation Rate: No Data

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable

Lower Explosion Limit %: No Data

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 %: No Data

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

Liquid Sevin® Insecticide

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. Obtain medical advice if symptoms persist.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.

Ingestion: Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. Obtain Medical Advice if symptom persists. If vomiting should occur, have victim lean forward with head down to avoid breathing in of vomitus. Do not induce vomiting or give anything by mouth to an unconscious person. OBTAIN MEDICAL ADVICE.

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: Safety goggles.

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: Coveralls.

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing vapours, 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: 0 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak, contain spill by diking and absorb with suitable absorbent and transfer 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.

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Prepared by: Technical Department

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