

SA-50 Brand SEVIN^R 5.0% DUST

MATERIAL SAFETY DATA SHEET

Manufacturer's Name & Address

Southern Agricultural Insecticides, Inc.
PO Box 218, Palmetto, Fla. 33561

Phone: 1-941-722-3285
Chemtrec: 1-800-424-9300

I NOMENCLATURE

Product Name: SA-50 BRAND SEVIN 5% DUST EPA Reg. No.829-128
Chemical Name: 1-Naphthyl Methylcarbamate, (Carbaryl)
Synonyms: Sevin, Carbaryl
Chemical Family: Carbamate pesticide

II HAZARDOUS INGREDIENTS

		% nominal	OSHA TWA:	Table Z-1-A
Carbaryl	CAS No. 63-25-2	5.1%	5 mg/m ³	Yes
Pyrophyllite	CAS.No.12269-78-2	50%		
(as part of pyrophyllite above)				
Quartz	CAS No.14808-60-7	25%	0.1 mg/m ³ (respirable)	Yes
Mica	CAS No.1318-94-1	10%	3 mg/m ³ (respirable)	Yes
Kaolin	CAS No. 1332-58-7	2%	5 mg/m ³ (respirable)	Yes
Dolomite	CAS.No.16389-88-1	43.6%	5 mg/m ³ (respirable)	Yes

III PHYSICAL PROPERTIES

Boiling Point: N/A Bulk Density: approximately 31 lb/ft³
Vapor Pressure: (mmHg) negligible Percent Volatile: (by volume) N/A
Vapor Density: (air=1) N/A Evaporation Rate:N/A
Solubility In Water: (carbaryl) 120 mg/ l @ 30°C
Appearance/Odor: White to light tan, finely ground powder.

IV FIRE AND EXPLOSION DATA

Flash Point: N/A
Extinguishing Media: CO₂ or dry chemical for small fires. alcohol foam, polymer foam or water spray for large fires. Contain water run off.
Special Fire Fighting Procedures: Evacuate people downwind of fire. Firemen should wear protective clothing over entire body and avoid contact with toxic fumes or smoke. Self-contained breathing equipment (air-pack) is essential for those exposed to fumes and smoke. Be alert for symptoms of poisoning during the fire.
Symptoms of pesticide poisoning may be mistaken for heat exhaustion or smoke inhalation. See section V for symptoms.
Decontaminate clothing before reuse.
Unusual Fire & Explosion Hazards: Avoid dispersion of dust to reduce potential explosion hazard.

V FIRST AID

First Aid for EYE Exposure: Flush eyes with water holding eye lids apart to ensure washing underside of lids. Remove contact lenses while rinsing. If irritation persists see a physician.
First Aid for SKIN Exposure: Wash thoroughly with soap and water. Change to freshly laundered clothing. If irritation occurs see a physician.
First Aid for INHALATION: Remove to fresh air. If symptoms persist see a physician immediately.
First aid if SWALLOWED: Wash out mouth with water. Give 2 glasses of water, induce vomiting, and get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.
SYMPTOMS of OVEREXPOSURE: Headaches, giddiness, blurred vision, coughing, tightness of chest, salivation, twitching, pin point eye pupils.
Note to physician: Atropine is an antidote. Do not use 2-PAM, opiates, or cholinesterase inhibiting drugs.

VI. HEALTH HAZARD DATA

ROUTES OF ENTRY: Ingestion, Inhalation. Skin. This product causes reversible cholinesterase inhibition.
Persons regularly exposed in manufacturing and handling this product should have a preexposure and periodic red blood cell cholinesterase level checks.
SYMPTOMS of OVEREXPOSURE: May be fatal if swallowed. Repeated overexposures may cause more severe cholinesterase inhibition with more pronounced signs and symptoms. May lead to rapid onset of nausea, vomiting, diarrhea,

abdominal pain involuntary shaking, excess salivation, pinpoint pupils, blurred vision, profuse sweating, temporary paralysis, respiratory depression, convulsions.

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VI. HEALTH HAZARD DATA continued

TOXICOLOGY; Eye irritation (rabbit) Slight irritation Skin irritation: (rabbit) Minimal irritation
Dermal LD₅₀ > 2000 mg/kg (rabbit) Oral LD₅₀ 250 mg/kg (rat) for Carbaryl by dilution to 5.% would be approx. 4000 mg/kg

WARNING: This product contains the following substance that is considered a probable or suspected human carcinogen,
Crystalline silica as quartz OSHA no IARC no NTP yes ACGIH no
Crystalline silica as quartz, It is a part of the naturally occurring mineral diluents. Respirable crystalline silica as quartz upon repeated or prolonged exposure can also cause silicosis.

VI I Reactivity

Stability: Stable

Materials to Avoid: Contamination with aqueous mineral acids or alkalis.

Hazardous Decomposition Products: Thermal decomposition or burning may produce oxides of nitrogen and carbon. Trace amounts of Methyl Isocyanate are possible. (no adverse health effects are expected)

Hazardous Polymerization: Will not Occur.

VIII SPILL OR LEAK PROTECTION

Steps To Be Taken If Spilled: Cover with sweeping compound and sweep up with as little dust as possible. Put sweeping in covered waste receptacle. After sweeping, wash area with water. Clean up personnel should wear protective clothing as indicated the "Special Protection section"

Waste Disposal: Dispose of recovered material in accordance with local, state, and Federal regulations. Large spills may be reportable to The National Response Center.

IX Special Protection

Respiratory: Approved NIOSH/MESA air purifying respirator with a pesticide canister.

Ventilation: General: Acceptable. Local Exhaust: Preferred

Gloves: Plastic or rubber. Eye Protection: Goggles or safety glasses with side shields.

Other protective equipment: Clean long sleeved body covering work clothing, hat and shoes and socks. Eye wash and facility for washing.

X SPECIAL PRECAUTIONS

Handling Precautions: Handle carefully to avoid damage to packages. Follow precautions in section IX particularly if exposure is repeated or prolonged. Shower after work. Wear freshly laundered work clothing. Launder separately.

Storing Precautions: Do not put leaking packages into storage. Store indoors in a cool dry place. Do not store over 100^oF
Avoid contact with heat.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. Avoid contamination of feed and foodstuffs. Avoid contamination of water supplies, streams, and ponds.

XI. SHIPPING AND SELECTED FEDERAL REGULATIONS

DOT Not regulated for domestic surface transportation in any packing sizes packed by Southern Agricultural Insecticides, Inc.

Shipping : Insecticides NOI, other than poison NMFC 102120

SARA Title III : Acute Health Hazard- Chronic Health Hazard

SARA 313 Chemicals Carbaryl (1 Naphthyl N-Methyl Carbamate)

SARA Extremely hazardous substances (EHS)/CERCLA Hazardous substances

Ingredient Carbaryl (1 Naphthyl N-Methyl Carbamate) CERCLA/SARA RQ 100 lb.

This information relates solely to the designated product and is not inclusive for combinations with other materials. This information is given without warranty or representation. Information is based on data we believe to be correct as of the date hereof. This information is furnished solely for your consideration, investigation, and verification. Before using any product READ THE LABEL.

REF.: Rhone-Poulenc Ag Co. MSDS Sevin 50W 10/23/89 CFR 29-1910 7/92

“ “ “ “ “ Sevin 80S 9/16/95

Wilkinson Kaolin Associates, Ltd. MSS Kaolin 2/1/97

R.T, Vanderbilt MSS Pyrophyllite 7/10/97

