

SA-50 BRAND CARBARYL 5% DUST MATERIAL SAFETY DATA SHEET

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Manufacturer's Name & Address

Southern Agricultural Insecticides, Inc.
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I NOMENCLATURE

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

II INGREDIENTS

Carbaryl 5.1% CAS No.63-25-2 TLV 5 mg/m³
Pyrophyllite 50.0% CAS.No.12269-78-2 TWA 50 mppcf
Dolomite 43.6% CAS.No.14808-60-7(TWA=%sIO₂+2)
(mixture comprises approximately 27% Quartz)
Other inerts(in 80% Carbaryl) 1.3% (30 mg/M³)

III PHYSICAL PROPERTIES (*Pertains to technical Carbaryl)

Boiling Point: Decomposes **Bulk Density:** approximately 70 lb/ft³
Vapor Pressure: (mmHg)0.002* **Percent Volatile:** (by volume) NIL
Vapor Density: (air=1) Not Applicable **Evaporation Rate:** Not Applicable
Solubility In Water: 40 ppm
Appearance/Odor: White to light tan, finely ground solid(powder)

IV FIRE AND EXPLOSION DATA (*Pertains to technical Carbaryl)

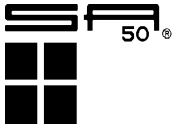
Flash Point: 380 °F *Cleveland open cup. **Autoignition Temperature:** 1157 °F*
Flammable limits in air% by volume: Lower*0.02 oz/ft³ Upper not applicable
Extinguishing Media: CO₂ or dry chemical for small fires. Foam or water on large fires.
Special Fire Fighting Procedures: Evacuate people downwind 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. If irritation persists call a physician.
First Aid for SKIN Exposure: Wash thoroughly with soap and water. Wear freshly laundered clothing daily.
First Aid for INHALATION: Remove to fresh air. If symptoms persist see a physician.
First aid if SWALLOWED: Wash out mouth with water, induce vomiting at once, remove from exposure, shower, put on clean, clothes and see a doctor.
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 Reactivity

Stability: X Stable
Materials to Avoid: Contamination with aqueous mineral acids or alkalis.
Hazardous Decomposition Products: Thermal decomposition or burning may produce nitrogen oxides, carbon monoxide, and/or carbon dioxide.
Hazardous Polymerization: Will not Occur.



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VII 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. If cleanup produces air laden dust wear dust respirator.

Waste Disposal: Mix recovered material with equal amounts of quick lime and dispose of in a land fill in accordance with local, state, and Federal regulations for disposal.

VIII Special Protection

Respiratory: Type/Conditions: NIOSH/MESA approved dust respirator.

Ventilation: General: Acceptable. Local Exhaust: Preferred

Gloves: Plastic or rubber.

Eye Protection: Yes Glasses with side shields.

Other protective equipment: Clean long sleeved work clothing and hat. Eye wash and facility for washing.

IX SPECIAL PRECAUTIONS

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

Storing Precautions: Do not put leaking packages into storage. Store indoors in a cool dry place. 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.

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.

Last Revised: 5/93