

MATERIAL SAFETY DATA SHEET



For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night: 1-800-424-9300
For Medical Emergencies Only, Call: 1-877-325-1840

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, Texas 75418

Hi-Yield® Garden Dust

Effective Date: February 25, 2010

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Hi-Yield® Garden Dust
EPA No.: 7401-69

COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, TX. 75418

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Hazardous Component	CAS No.	%(Typical)	TLV (Units)	PEL (Units)
Carbaryl	63-25-2	5	5 mg/m ³	5 mg/m ³
Inert Ingredients		95		

May contain nuisance particulates. Suggested TLV-TWA: 10 mg/m³

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration.

TLV: Threshold Limit Value recommended by the American Conference of Governmental Industrial Hygienists.

3. PHYSICAL DATA:

Boiling Point (°F): Does not apply
Bulk Density: 22.9 lbs/cu. ft.
Vapor Pressure (mm Hg): Does not apply
Percent Volatile by Volume (%): Does not apply
Vapor Density (Air=1): Does not apply
Evaporation Rate (ethyl ether=1): Does not apply
Solubility in Water: Virtually insoluble
Reactivity in Water: Does not apply
Appearance and Odor: Off-white to light brown powder with virtually no odor.

4. FIRE AND EXPLOSION DATA:

Flash Point: Does not apply
Flammability Limits: Lower: does not apply Upper: does not apply
Extinguishing Media: Not combustible. Use appropriate extinguishing media for material that is supplying fuel.
Auto Ignition Temperature: Does not apply
Unusual Fire and Explosion Hazards: Dispersion of fine dust in air may form explosive mixture.
Special Fire Fighting Procedures: Minimize breathing gases, vapors, or decomposition products. Use pressure demand self-contained breathing apparatus, MSHA/NIOSH approved.

5. HEALTH INFORMATION:

Primary Routes of Exposure and Target Organs: Ingestion, inhalation, eye contact and skin contact.

Signs and Symptoms of Exposure:

- Acute Overexposure:** Harmful if swallowed. May lead to rapid onset of nausea, vomiting, abdominal pain, diarrhea, pinpoint pupils, blurred vision, profuse sweating, salivation, tremor, muscle twitching and temporary paralysis. In severe poison respiration depression and convulsions may occur. May be irritating to the respiratory tract.

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2. Chronic Overexposure: Repeated exposure may cause more severe cholinesterase inhibition with the signs and symptoms described for acute overexposure being more pronounced.

Medical Conditions Generally Aggravated By Exposure: Skin irritation may be aggravated in persons with existing skin lesions. Breathing of dust may aggravate acute or chronic asthma and inflammatory or fibrotic pulmonary disease.

Chemical/Component Listed As Carcinogen or Potential Carcinogen: None

NTP: No **IARC:** No **OSHA:** No

Other Exposure Limits: Not determined

6. FIRST AID:

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If On Skin Or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

If In Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Note To Physicians and Veterinarians: Carbaryl is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal. DO NOT use 2-PAM, opiates or cholinesterase-inhibiting drugs.

7. REACTIVITY DATA:

Stability: Stable

Conditions to Avoid: Avoid storage at high temperatures. Protect from moisture.

Incompatibility (Materials to Avoid): Alkalis, strong acids and oxidizing agents.

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide, methyl isocyanate and sulfur dioxide.

Hazardous Polymerization: Will Not Occur

9. SPILL OR LEAK PROCEDURES:

Steps to be Taken in Case Material is Leaked or Spilled: Contain spill, sweep up and place in container for use or disposal. Avoid creating dusts. Wear appropriate protective equipment.

Waste Disposal Method: If Empty: Do not reuse container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

10. PERSONAL PROTECTION INFORMATION:

Respiratory Protection: Use NIOSH/MSHA approved respirator for pesticide dust when handling spills or leaks; or when airborne concentrations exceed allowable exposure limits.

Ventilation: Local or general exhaust to maintain exposure below PEL/TLV.

Protective Gloves: Rubber or other impervious material.

Eye Protection: Chemical goggles or shielded safety glasses recommended.

Other Protective Clothing or Equipment: Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing and applying product. Wash used clothing before reuse.

11. SPECIAL PRECAUTIONS:

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Precautions to be Taken in Handling & Storage: Keep containers closed when not in use. Store in original container and place in a locked storage area out of reach of children and pets. Do not contaminate water by cleaning or equipment and disposal of wastes. Avoid contamination of food and feed stuffs.

Other Precautions: Observe good personal hygiene. Always wash hands thoroughly and immediately after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Do not allow children or pets to contact treated area until dust has settled.

12. OTHER INFORMATION:

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications which are not included within this document.