

MATERIAL SAFETY DATA SHEET

Date Prepared: December 31, 1998

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SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Mystic Chemical Products

3561 West 105th St.

Cleveland, OH 44111

Phone or Fax: 216-631-6955

Emergency Telephone: INFOTRAC 1-800-535-5053

Product Name: **Apicide**

EPA Reg No: 36272-14

Chemical Family: Carbamate

Chemical Formula: mixture

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name % by WT.	CAS Number	Exposure Limits
Carbaryl	63-25-2	None established
5.0		
Pyrophyllite	12269-78-2	TLV 15 mg/M ³
95.0		

SECTION 3: HAZARDS IDENTIFICATION

Symptoms of exposure include: headache, nausea, vomiting, sweating, abdominal cramps, and pinpoint pupils. This product is highly toxic to bees.

Primary routes of Entry: Ingestion, Inhalation, Skin, Eyes

Ingestion: Harmful if swallowed

Eyes: Avoid contact with eyes.

Inhalation: Avoid breathing dust.

SECTION 4. FIRST AID MEASURES

Eyes: Flush with plenty of water.

Skin: Wash with soap and water

Ingestion: Call a physician or poison control center immediately. Induce vomiting.

Inhalation: Remove victim to fresh air.

Note to Physician: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. Do not use opiates or cholinesterase inhibiting drugs.

SECTION 5. FIRE FIGHTING MEASURES

Flammable properties: Flash point: 380° F 193° C TCC

Extinguishing Media: Carbon dioxide or dry chemical for small fires, water or foam and water for large fires.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Sweep up spilled material and place in original container. Securely wrap original container in several layers of newspaper and discard in trash. Do not reuse empty container. Discard container in trash.

SECTION 7. HANDLING AND STORAGE

Handling Precautions: Keep out of reach of children and away from foodstuffs.

Storage Precautions: Store in original container in cool dry place.

Work/Hygienic Practices: Wash thoroughly after handling.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye/Face Protection: Safety glasses

Respiratory protection:

Approved dust respirator

Skin Protection: Wear long sleeved work clothing and rubber gloves.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to light tan solid

Specific Gravity: 1.23

Physical State: solid

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal decomposition or burning may produce nitrogen oxides, carbon monoxide and or carbon dioxide.

Materials to Avoid: Contamination with aqueous mineral acids or alkalis

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Studies: No acute toxicity data is available for this formulation.

Acute oral LD50 > 1000 mg/KG

Acute Dermal LD50 > 5000 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

Other Environmental Information: This product is extremely toxic to aquatic invertebrates. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

SECTION 13. DISPOSAL CONSIDERATIONS

Do not reuse empty container. Wrap container in several layers of newspaper and put in trash collection.

SECTION 14. TRANSPORT INFORMATION

Proper Shipping Name: Not DOT regulated.

DISCLAIMER: It is a violation of federal law to use this product inconsistent with its labeling. Apply this product only as specified on the label. The information and recommendations contained herein are based upon data believed to be correct as of the date compiled. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. The manufacturer assumes no responsibility for injury from the use of the product described herein.