

MATERIAL SAFETY DATA SHEET

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PRODUCT CODE: 270-255-MUSCAB

PRODUCT NAME: MUSCA-CIDE BLUE FLY BAIT

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

IDENTITY (As Used on Label and List) : **MUSCA-CIDE BLUE FLY BAIT****SECTION I - Product Identification**

Manufacturer Name and Address: Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ. 85013

Telephone Numbers:
24 hour emergency nu (602) 285-1660
Business hours (602)234-2269
Marketing (602) 285-1660

Date Entered: 07/18/90
Last Revision: 01/29/97
MSDS Printed: 10/22/97

Synonyms:

Die Fly, Musca-cide
Chemical Family: compound
Hazard Label: None
Molecular Formula:
Molecular Weight: NE or NA

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity/Common Name) CAS#	OSHA PEL	ACGIH TLV	Other Limits	Percentage
Methomyl (Ethanlmidothioic acid, N-[(methylamino)carbon..)	2.5 mg/m3	2.5mg/m3	2.5mg/m3	1.0 - 1.1
Z-9 TRICOSENE 96%	27519-02-4			0.025

SECTION III - Physical / Chemical Characteristics

Boiling Point: NE or NA **Specific Gravity (Water - 1);** >1
Melting Point: NE or NA **Vapor Pressure (mm Hg):** ... NE or NA
Vapor Density (Air=1): ... NE Or NA
Physical States: Gas **Evaporation Rate:** ... NE or NA
 Liquid (Butyl Acetate = 1)
 Solid **Solubility In Water:** ... >99%
Soluble

pH: 5.8(10%so) **Percent Volatile:** ... NE or NA

Appearance and odor:**Blue granular solid:** Characteristic nitrogenous odor.**SECTION IV - Fire and Explosion Hazard Data****Flash Pt:** NE or NA **Method Used:** **Explosive Limits:** LEL: NT UEL: NT**Extinguishing Media:**

Agent suitable for surrounding fire, i.e., CO2, foam, or water spray. Water spray may Increase contamination hazard.

Special Fire Fighting Procedures:

Keep out of smoke, fight fires from upwln'd, use self-contained breathing apparatus. Contain runoff to prevent entry into sewers or waterways.

Unusual Fire and Explosion Hazards:

Equipment or materials Involved in pesticide fires may become contaminated. Material will ignite if exposed to Intense heat or open flame. Fire or Intense heat may rupture containers.

SECTION V - Reactivity Data**Stability:** Unstable stable **Conditions To Avoid - Instability:**

Spark and open flames; prolonged exposure to high temperatures.

Incompatibility - Materials To Avoid:

Oxidizers, reactive metals.

Hazardous Decomposition Or Byproducts:

HCl, phosgene, nitrogen oxides, CO, CO2.

Hazardous Polymerization: May occur Will not occur **Conditions To Avoid - Hazardous Polymerization:**

Will not occur.

SECTION VI - Health Hazard Data**Route(s) of Entry:** Inhalation? Yes **Skin?** Yes **Eyes?** Yes **Ingestion?** Yes **Other:****Health Hazards (Acute and Chronic):****Oral LD-50 (rat):** male; 2455 mg/kg, female: 3236 mg/kg**Dermal LD-50 (rabbit):** males and females: > >2000 mg/kg**Inhalation (rat):** > > 1.25 mg/l (maxlimum attainable concentration)**Primary eye Irritation (rabbit):** EPA catagory IV (minimal effect, clearing less than 24 hours)

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Primary dermal Irritation (rabbit): material not primary dermal Irritant,

Dermal sensitization (guinea pig-Beuhler): material is not a dermal sensitizer.

Primary routes of entry: PRIMARY oral; also Inhalation of fine particulates.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Recommended Exposure Limits: (methomyl) 2.5 mg/m³ **LD 50/LC 50:** see above

Signs and Symptoms Of Exposure:

Sweating, salivation, nausea, stomach pains, vomiting, diarrhea, headache, constricted pupils, "tightness" In chest, ataxia, cyanosis, pulmonary edema.

Medical Conditions Generally Aggravated By Exposure:

Cholinesterase depression.

Emergency and First Aid Procedures:

IF SWALLOWED: Do NOT Induce vomiting. Drink two glasses of water and contact physician or Poison Control Center, Never Induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove patient to fresh air. If not breathing, give mouth to mouth resuscitation and call a physician Immediately.

IF IN EYES: Flush with water for at least 15 minutes. Call a physician Immediately.

IF ON SKIN: Remove contaminated clothing and wash skin with soap and water. If irritation persists, call a physician. Launder contaminated clothing before re-use.

NOTE TO PHYSICIAN: Methomyl is a cholinesterase inhibitor. Atropine Is antidotal.

SECTION VII Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled:

Small amounts may be swept up and spread In planned use areas as directed on label, or place In container for disposal.

Waste Disposal Method:

Pesticide Disposal: Pesticides that cannot be used according to label must be disposed of according to applicable Federal, State and local regulations, **Container Disposal:** Container may be triple rinsed than offered for recycling or reconditioning, or punctured and disposed of In a sanitary landfill or by other approved State and local procedures.

Hazard label Information:

Store away from Incompatible material Wash thoroughly after handling

Precautions To Be Taken In Handling and Storing:

Avoid breathing dust, avoid contact with skin, eyes, clothing. Store in cool, dry area specifically designated for pesticides, and away from feed, food, sparks and open flames.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

SECTION VIII- Control Measures

Protective Equipment Summary - Hazard Label Information

NIOSH/MSHA organic vapor respirator Neoprene gloves Safety glasses

Respiratory Protection (Specify Type): None for ordinary use. NIOSH organic vapor respirator In dusty conditions

Ventilation:

Local Exhaust:

Special:

Mechanical (General): necessary

Other:

Protective Gloves: Nonwoven

Eye Protection: none for ordinary handling use

Other Protective Clothing or Equipment: None

Work/Hygienic/Maintenance Practices:

Wash hands after handling and before eating, smoking, or using restroom.

SECTION IX - Additional Comments

IMPORTANT: The Information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, Investigation and verification.