

MATERIAL SAFETY DATA SHEET

This form complies 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 MUSCA-CIDE BLUE FLY BAIT

MANUFACTURER NAME AND ADDRESS:		TELEPHONE #S:	DATES:
Farnam Companies, Inc.	24 hour emergency nu	(602)285-1660	Date Entered: 07/18/1990
301 West Osborn Road	Business hours	(602)234-2269	Last Revision: 10/09/1998
Phoenix, AZ. 85013	Marketing	(602)285-1660	MSDS Printed: 01/12/2001

SYNONYMS:
Die Fly, Musca-cide

CHEMICAL FAMILY: Compound
HAZARD LABEL: None Health: 0
MOLECULAR FORMULA: Flammability: 1 , MOLECULAR WEIGHT: NE or NA Reactivity: 1

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION MUSCA-CIDE BLUE FLY BAIT

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME)	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENTAGE
Methomyl {Ethanimidothioic acid, n-[[[(methylamino)carbonyl]	16752-77-5	2.5 mg/m3	2.5 mg/m3	2.5 mg/m3	1.0 - 1.1
Z-9 TRICOSENE 96%	27519-02-4				0.025

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS MUSCA-CIDE BLUE FLY BAIT

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) [X] Solid SOLUBILITY IN WATER: >99% Soluble PH: 5.8(10%sol PERCENT VOLATILE: NE or NA APPEARANCE AND ODOR: Blue granular solid; characteristic nitrogenous odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA MUSCA-CIDE BLUE FLY BAIT

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 upwind, 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 MUSCA-CIDE BLUE FLY BAIT

STABILITY: Unstable [] Stable [X]

CONDITIONS TO AVOID - INSTABILITY:

Sparks 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 [X]

CONDITIONS TO AVOID - HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION VI - HEALTH HAZARD DATA MUSCA-CIDE BLUE FLY BAIT

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/1 (maximum attainable concentration)

Primary eye irritation (rabbit): EPA category IV (minimal effect, clearing less than 24 hours)

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?

CARCINOGENICITY/OTHER INFORMATION:

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, at 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 MUSCA-CIDE BLUE FLY BAIT

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 then 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 flame.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

SECTION VIII- CONTROL MEASURES MUSCA-CIDE BLUE FLY BAIT

PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION

NIOSH/MSHA organic vapor respirator Neoprene gloves Safety glasses

RESPIRATORY EQUIPMENT (SPECIFY TYPE):

None for ordinary use. NIOSH organic vapor respirator in dusty conditions

VENTILATION:

LOCAL EXHAUST: SPECIAL:

MECHANICAL (GENERAL): necessary OTHER:

EYE PROTECTION:

none for ordinary handling use

PROTECTIVE GLOVES:

Nonwoven

OTHER PROTECTIVE CLOTHING:

None

WORK/HYGIENIC/MAINTENANCE PRACTICES:

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

SECTION IX - ADDITIONAL COMMENTS MUSCA-CIDE BLUE FLY BAIT

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.
