

Sanmite

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY ADDRESS:

TopPro SPECIALTIES
P.O. BOX 772099
Memphis, TN 38117
(A unit of BASF Corp. and Micro Flo Co.)

EMERGENCY TELEPHONE NUMBERS:

(800) 424-9300 (CHEMTREC, transportation and spills)

(800) 900-4044 (Poison Control Center, human health)
(800) 345-4735 (ASPCA, animal health)

PRODUCT NAME: Sanmite

CHEMICAL NAME: Pyridaben

FORMULA: C(19)H(25)ClN(2)OS

CHEMICAL FAMILY: Pyridazinone

PRODUCT CODE: EPA Reg. No. 7969-106-51036

SECTION 2 — COMPOSITION, INFORMATION OF INGREDIENTS

COMPONENT	PERCENT-AGE	CAS NUM-BER	OSHA PEL	ACIGH TLV
2-tert-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one*	75.0	96489-71-3	0.01 mg/m(3)	-
Inerts	25.0	N/A	Not Est.	Not Est.

*Common chemical name: Pyridaben

This formulation contains kaolin. Kaolin contains small amounts of crystalline silica. This formulation may contain more than 0.1% crystalline silica.

SECTION 3 — PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION: Light tan powder

ODOR: Vanilla

BOILING/MELTING POINT: 112°C/234°F

SPECIFIC GRAVITY: 15.6lb/ft(3) 13.45lb/ft(3)

pH: 8.7 - 8.8

VAPOR PRESSURE mmHg @ 20 C: N/A

WATER SOLUBILITY: Dispersible

SECTION 4 — FIRE & EXPLOSION HAZARD

FLASHPOINT (method): N/A

FLAMMABLE LIMITS (LFL-UFL): N/A

FIRE AND EXPLOSION HAZARD: Explosive dust/air mixtures can form in atmospheres as low as 9% oxygen. Ignition energy required is as low as 15 millijoules. Typical dust/air mixtures capable of exploding contain 40 g per cubic meter.

EXTINGUISHING MEDIA: Use water fog, foam, CO(2), or dry chemical extinguishing media.

FIRE FIGHTING EQUIPMENT: Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

NFPA 704 HAZARD CODE:

Health - 4

Flammable - 3

Reactivity - 0

NFPA 30 STORAGE CODE: Not a flammable liquid

SECTION 5 — HEALTH DATA

ACUTE TOXICITY:

Oral LD₅₀ (rat) - 1930 mg/kg

Dermal LD₅₀ (rat) - >2000 mg/kg

Inhalation LC₅₀ (4hr)(rat) - 0.09 mg/L

Inhalation LC₅₀ (1hr)(rat) - 0.36 mg/L

Eye Irritation (rabbit) - Severe, irreversible corneal damage

Dermal Irritation (rabbit) - moderate

Dermal (guinea pig) - Not sensitizing

Pyridaben was not found to be teratogenic in two species tested, but at a maternally toxic dose the compound did produce only slight non-specific developmental effects in one species.

EFFECTS OF OVEREXPOSURE: Corrosive, causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. May be fatal if inhaled. Do not breathe dust or spray mist. Wear a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration

and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Harmful if swallowed or absorbed through skin. Avoid contact with skin. Wash thoroughly with soap and water after handling.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Overexposure to crystalline silica results in silicosis, a lung disease characterized by coughing, difficult breathing, wheezing, scarring of the lungs, and repeated, non-specific chest illnesses. The International Academy for Research on Cancer (IARC) has classified crystalline silica in Group 2A (those agents with limited evidence of carcinogenicity to humans.)

EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE TO THIS MATERIAL: No information found for this mixture.

FIRST AID PROCEDURES:

IF IN EYES: - Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: - Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED: - Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Get medical attention.

IF INHALED: - Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: - Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 6 — STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions; relatively unstable to light.

CONDITIONS TO AVOID: Do not store with food, beverages, or animal feed.

CHEMICAL INCOMPATIBILITY: Pyridaben is a reducing agent - AVOID OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: HCl, NO_x, SO_x, CO

HAZARDOUS POLYMERIZATION: Does not occur

CORROSIVE TO METAL: No

OXIDIZER: No

SECTION 7 — PERSONAL PROTECTION

PESTICIDE APPLICATORS & WORKERS: Refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard in 40 CFR Part 170.

MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

VENTILATION: - Dust collectors need to be designed to trap and hold the potentially explosive and toxic particles.

CLOTHING: - Disposable hooded coveralls, such as tyvek, boots, and gloves.

EYE PROTECTION: - Chemical goggles when respirator does not provide eye protection.

RESPIRATORY PROTECTION: - Operators, maintenance, or any worker potentially exposed to dust/mist must wear supplied air respirators or self-contained breathing apparatus.

SECTION 8 — ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY: (Technical)

Bobwhite Oral LD₅₀ - >2250 mg/kg

Mallard Oral LD₅₀ - >2500 mg/kg

This pesticide is toxic to fish and aquatic invertebrates.

SARA TITLE III STATUS:

Fire: Yes

Sudden Pressure: No

Reactivity: No

Acute: Yes

Chronic: Yes

TPQ: 10,000 lbs

SPILL AND LEAK PROCEDURE: Emergency response workers should don SCBA with Level B protection if dusts will be generated. If possible, keep spilled material dry and recover for use. Spilled material may be carefully swept up and returned to original container.

HAZARDOUS SUBSTANCE SUPERFUND: No

WASTE DISPOSAL METHOD: All pesticide waste are considered acutely toxic. Dispose of in an approved

manner (consult local authority) only as a last resort. Otherwise, apply according to label instructions. Consult label and Directions For Use.

CONTAINER DISPOSAL: The inner and outer packaging should be incinerated or disposed of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not re-use empty container.

SECTION 9 — TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Pesticide, solid, toxic, NOS (contains pyridaben)

DOT HAZARD CLASSIFICATION:

Primary - Poison

DOT LABELS REQUIRED: Poison

DOT PLACARDS REQUIRED: Poison, UN 2588

BILL OF LADING DESCRIPTION: Pesticides, solid, toxic, NOS (contains pyridaben), 6.1, UN 2588, PG 1, ERG 151

CERCLA REPORTABLE QUANTITY: None

SECTION 10 — ADDITIONAL INFORMATION

EPA REG. NO. 7969-106-51036

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

KEEP OUT OF REACH OF CHILDREN

DANGER/PELIGRO

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

DISCLAIMER

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