

SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)



1. IDENTIFICATION

PRODUCT NAME: T-Methyl 70WSB

DESCRIPTION: A fungicide in water soluble bags.

EPA Reg. No.: 83520-32

COMPANY IDENTIFICATION:

Tacoma Ag, LLC

PO Box 14073

Durham, NC 27713

2. HAZARD IDENTIFICATION

WARNING

Causes eye irritation

May be harmful if inhaled

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS #</u>	<u>Composition</u>
Thiophanate-Methyl	(dimethyl [(1,2-phenylene)bis-(iminocarbonothioyl)]bis[Carbamate])	23564-05-8	70.0%
Kaolin Clay		1332-58-7	< 20%

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Capital Poison Center at 1-800-222-1222 for emergency medical treatment information.

IF ON SKIN OR CLOTHING: Call a doctor or poison control center if you feel unwell or if skin irritation occurs.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, and continue rinsing. If eye irritation persists get medical advice / attention.

IF SWALLOWED: Call a doctor or poison control center if you feel unwell.

IF INHALED: Call a doctor or poison control center if you feel unwell.

5. FIREFIGHTING MEASURES

Flash Point: Not combustible

Fire and Explosion Hazards: Thermal decomposition may produce toxic fumes (see Section 10).

Extinguishing Medium: Water fog, foam, dry chemical or carbon dioxide (CO₂).

Fire Fighting Equipment: Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

Fire Fighting Instructions: Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

NFPA Ratings: Health – 1 / Flammability – 1 / Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate area and keep unnecessary and unprotected personnel from entering. Wear suitable personal protective clothing and equipment as described in Section 8 of this document.

Environmental Precautions: Control spill at the source and prevent material from entering soil, sewers, waterways or low areas. Large spills to soil or similar surfaces may require removal and disposal of topsoil. Contain contaminated water / firefighting water.

Spill Cleanup: Avoid creating dust during cleanup. Sweep, scoop or shovel spilled material and place into suitable closed containers for disposal. After decontamination, spill area can be washed with water. Collect washwater for approved disposal. Decontaminate tools and equipment following cleanup.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Storage: Store this product in a cool, dry location in the original container only. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, collect and dispose of in accordance with the instructions in Section 13.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Protective Clothing: When handling this product, wear long-sleeved shirt, long pants, shoes, socks and chemical-resistant gloves made of any waterproof material. Refer to the product label for specific instructions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Light tan powder

Odor: Faint sulfur

Flashpoint: N/A (not a combustible liquid)

pH: 7.0 – 8.0

Bulk Density: 15-20 lbs / cu. ft.

Solubility: Soluble

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Excessive heat, do not store near heat or flame.

CHEMICAL STABILITY: Stable under all normal use and storage conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: This product is chemically stable and no hazardous reactions should occur if stored and handled as prescribed / indicated. When thermally decomposed, may release oxides of carbon, nitrogen and sulfur.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY (rat LD₅₀): > 5,000 mg/kg **DERMAL**

TOXICITY (rat LD₅₀): > 5,050 mg/kg **INHALATION**

TOXICITY (rat LC₅₀): > 2.32 mg/L (4-hour) **EYE**

IRRITATION: Minimally irritating

SKIN IRRITATION: Slightly irritating

SKIN SENSITIZATION: Not a contact sensitizer

CARCINOGENICITY:

EPA: Not Listed

ACGIH: Not Listed

NTP: Not Listed

IARC: Not Listed

OSHA: Not Listed

MUTAGENIC TOXICITY: No evidence of mutagenic effects during *in vivo* and *in vitro* assays.

REPRODUCTIVE TOXICITY: Not known to cause reproductive or birth defects at normal exposure levels.

12. ECOLOGICAL INFORMATION

Runoff may be hazardous to aquatic organisms. Do not contaminate water when disposing of equipment washwater or rinsate.

The following information is for the active ingredient, Thiophanate-methyl:

AQUATIC TOXICITY

Bluegill (96-hour LC₅₀): > 41 ppm

Rainbow Trout (96-hour LC₅₀): 8.3 ppm

Daphnia (48-hour EC₅₀): 5.4 ppm

Mysid (96-hour LC₅₀): 1.1 ppm

AVIAN TOXICITY

Bobwhite Quail (LC₅₀): > 10,000 ppm

Mallard Duck (LD₅₀): 4,640 mg/kg

OTHER TOXICITY

Honey Bee (LD₅₀): > 100 µg/bee

13. DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: DO NOT contaminate water, food or feed by disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Refer to the product label for specific container disposal instructions.

14. TRANSPORT INFORMATION

US DOT:

Containers < 14 pounds

Not regulated by DOT.

Containers ≥ 14 pounds and < 882 pounds

UN 3077, Environmentally Hazardous Substance, Solid, N.O.S (thiophanate-methyl), 9, III,

RQ Marine Pollutant: No

Containers ≥ 882 pounds

UN 3077, Environmentally Hazardous Substance, Solid, N.O.S (thiophanate-methyl), 9, III, RQ, Marine Pollutant

Marine Pollutant: Yes

IMDG:

UN 3077, Environmentally Hazardous Substance, Solid, N.O.S (thiophanate-methyl), 9, III, Marine Pollutant

15. REGULATORY INFORMATION

FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS

KEEP OUT OF REACH OF CHILDREN. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

SARA Title III – Section 311/312 Hazard Categories

Immediate

SARA Title III – Section 312 Threshold Planning Quantity

The threshold planning quantity (TPQ) for this product treated as a mixture is 10,000 lbs. This product contains no ingredients with a TPQ of less than 10,000 lbs.

SARA Title III – Section 313 Reportable Ingredients

Thiophanate-methyl (46.2%) – CAS No. 23564-05-8

CERCLA Reportable Quantity (RQ) –

Thiophanate-methyl: 10 lbs. (14 pounds of this product)

CALIFORNIA PROP 65 STATUS –

This product contains a chemical (thiophanate-methyl) known to the state of California to cause cancer or reproductive harm.

CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

16. OTHER INFORMATION

DISCLAIMER: The information herein is presented in good faith and believed to be accurate as on the effective date shown above. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with Federal, State and Local laws and regulations.

SDS Version: 1.1

Effective Date: 04/24/2015