

MATERIAL SAFETY DATA SHEET

Advan LLC	In Case of Emergency, Call
300 Colonial Center Parkway, Suite 230	Advan LLC.: 770-594-6361
Roswell, GA 30076	CHEMTREC: 800-424-9300

I. PRODUCT IDENTIFICATION

Product Name(s): TEE-OFF 4.5F (supplemental distributor name for SysTec 1998™ FL)

II. TRANSPORTATION INFORMATION

This product is regulated for transportation purposes as follows:

<i>MODE</i>	<i>BULK (> 119 GALLONS)</i>	<i>NON-BULK (< 119 GALLONS)</i>
IATA (Air):	Yes	No
IMO (Water):	Yes	No
DOT (Land):	Yes	No

Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S.(thiophanate-methyl), 9, UN3082, PG III, ERG # 171

Special Provisions: Marine pollutant
Freight class: NMFC Item #102100

SARA TITLE III INFORMATION

312 Hazards Classification: Acute and Chronic Health (See Health Hazard Information)
313 Inventory Ingredients: Thiophanate-methyl (46.2% wt/wt)

III. HAZARDOUS INGREDIENTS

The substances listed below are those identified as hazardous chemicals under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<u>Component</u>	<u>CAS No.</u>
Thiophanate-methyl	23564-05-8

Exposure Limits for this product:

ACGIH-TLV: Not Established
OSHA-PEL: Not Established

IV. PHYSICAL DATA

Boiling Point:	100°C (lowest boiling component)
Freezing Point:	Not determined
Specific Gravity (H2O=1):	1.213 @ 20/21 °C
Vapor Pressure:	Not established
Vapor Density (Air = 1):	Not Determined
Solubility in water:	Dispersible in water
% Volatiles by Vol.:	Not determined
Evaporation Rate (Butyl Acetate = 1):	Not Determined
Appearance and Odor:	Off-white
pH:	Not available

V. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	N/A
Autoignition Temperature:	Not Applicable
Flammable Limits in Air:	N/A
Extinguishing Media:	Water, Foam, CO2, Dry Chemical, or Earth or Sand
Special Fire Fighting Procedures:	N/A
Unusual Fire and Explosion Hazards:	N/A

VI. HEALTH HAZARD INFORMATION

Oral ingestion:	N/A
Eye contact:	Mild irritation (transient)
Dermal contact:	N/A
Inhalation:	N/A
Skin absorption:	N/A

Emergency and First Aid Procedures

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible.
- Call a poison control center or doctor for further advice.

VII. REACTIVITY DATA

Stability: Stable under normal conditions

Conditions to avoid: None

Incompatibility (materials to avoid): Not established

Hazardous decomposition products: N/A

Hazardous Polymerization: N/A

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken If Material Is Released Or Spilled:

Absorb with sand or inert material. Sweep or scoop up and remove. Flush with water.

Disposal Methods:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

IX. SPECIAL PROTECTION INFORMATION

Ventilation Requirements

Good industrial hygiene practice dictates that indoor work areas be isolated and provided with adequate local exhaust ventilation. Work upwind in out-of-doors batch operations.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- long sleeved shirt and pants
- chemical-resistant gloves made of any waterproof material.
- shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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