

**MATERIAL SAFETY DATA SHEET****1. PRODUCT AND COMPANY IDENTIFICATION**

Product Identity: TEBUJECT™ 16  
EPA Registration No.: 7946-28

J. J. MAUGET COMPANY  
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**In Case of Emergency, Call  
INFOTRAC 1-800-535-5053**

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Active ingredient (% w/w): Tebuconazole 16.0%  
CAS No.: 107534-96-3  
Chemical Name: a-[2-(4-Chlorophenyl)ethyl]-a-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol  
Chemical Class: Fungicide  
EPA Signal Word: Caution

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% Ingredients</u>
Tebuconazole a-[2-(4-Chlorophenyl)ethyl]-a-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol:	N/A	N/A	16.0%
Tetrahydrofurfuryl alcohol (THFA)	N/A	N/A	Proprietary

**3. HAZARDS IDENTIFICATION**

Symptoms of Exposure: Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Causes moderate eye irritation.

Routes of Entry: Skin contact, eye contact and through ingestion.

Carcinogenicity: Not a carcinogen.

Mutagenicity: Not a mutagen.

Teratology (Birth defects): Not a teratogen.

4. FIRST AID MEASURES

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact **INFOTRAC 1-800-535-5053** for emergency treatment information.

NOTE TO PHYSICIAN: There is no specific antidote if this product is ingested. Treat patient symptomatically.

5. FIRE FIGHTING MEASURES

FLASH POINT: 88°C, 190.4°F  
METHOD USED: Pensky-Martens  
FLAMMABILITY LIMITS: UEL = N/A, LEL = N/A  
EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical, or foam.

SPECIAL EXPOSURE HAZARDS: Use positive pressure, self-contained breathing apparatus, and full protective clothing. Evacuate nonessential personnel from area to prevent exposure to fire, smoke, fumes, or products of combustion.

PRODUCTS OF COMBUSTION AND DECOMPOSITION: See Section 10 - Hazardous decomposition products

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: See Section 8 - Exposure Controls/Personal Protection

Environmental Precautions: This product is toxic to estuarine and marine invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate streams, sewers, or other waterways when disposing of equipment washwaters or rinsate.

Spill or Leak Procedures: Clean up spills immediately, observing precautions in Section 8. Absorb spill with absorbent material such as pet litter (small spill). Dike area to prevent contamination of local water sources (large spill). Sweep up and place in a chemical container. Seal the container and dispose of in accordance with all State and Federal regulations. After removal, flush contaminated area thoroughly with water containing a strong detergent. Use dry absorbent material to absorb and collect wash solution for proper disposal. Keep out of streams and domestic water supplies.

## 7. HANDLING AND STORAGE

Store capsules in an upright position in a closed container. Store in a cool, dry place over 45°F with units in an upright position out of the reach of children. Keep out of direct sunlight when possible. Do not contaminate water, food or feed by storage or disposal of micro-injection capsules. Do not reuse micro-injection capsules. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory: In areas with inadequate ventilation, a NIOSH-approved chemical cartridge respirator with organic vapor cartridges and pesticide pre-cartridges or a self-contained apparatus may be required when working with this product.

Eye: Wear protective eyewear (e.g., goggles or full-face shield)

Ventilation: Use where adequate ventilation is available.

Other Protective Devices and Procedures: Wear chemical resistant gloves, such as polyethylene or butyl rubber or neoprene rubber or viton. Shoes plus socks. Long-sleeved shirt and long pants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid @ 22°C
Odor:	Woody/pyridine-like @ 20°C
Color:	Amber/Orange @ 20°C
pH:	6.8 @ 25°C
Boiling Point:	N/A
Melting Point:	N/A
Specific Gravity:	1.0935 g/mL @ 20°C
Viscosity:	6.66 cP @ 50 rpm and 6.69cP @ 100 rpm @ 20°C

10. STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions
Conditions to avoid:	None
Materials to avoid:	None
Hazardous decomposition products:	CO <sub>2</sub> , oxides of nitrogen
Hazardous polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute oral LD50:	> 5,000 mg/kg
Acute dermal LD50:	> 2,000 mg/kg
Primary eye irritation:	Moderately irritating
Primary skin irritation:	Slightly irritating

12. ECOLOGICAL INFORMATION

This product is toxic to estuarine and marine invertebrates.

13. DISPOSAL CONSIDERATIONS

Pesticide rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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.

Observe all federal, state, and local laws concerning health and environment.

14. TRANSPORT INFORMATION

Technical Shipping Name: Tebuconazole  
Freight Class Bulk: Fungicides, NOI (NMFC 102120)  
Freight Class Package: Fungicides, NOI (NMFC 102120)  
Product Label: Tebuject™ 16

DOT (Domestic Surface)

Hazard Class or Division: Non-Regulated

IMO/IMDG Code (Ocean)

Hazard Class Division Number: Non-Regulated

ICAO/IATA (Air)

Hazard Class Division Number: Non-Regulated

For further information relative to spills resulting from transportation incidents, refer to the latest Department of Transportation (DOT) Emergency Response Guidebook for Hazardous Materials Incidents.

15. REGULATORY INFORMATION

OSHA: This product is considered hazardous under the criteria of the OSHA Hazard Communication Standard 29 CFR Part 1910.1200.

TSCA: The product is exempt from TSCA regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

CERCLA: Reportable Quantity not applicable

SARA TITLE III HAZARD CATEGORY:For reporting under Section 311 & 312

This product is a hazardous chemical under 29 CFR 1910.1200, and is categorized as an acute and delayed health hazard.

For reporting under Section 313

None

RCRA Status

If discarded in its purchased form, this product would not be hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

16. OTHER INFORMATION

HAZARD RATINGS:	NFPA
Health	1 (Slight)
Flammability	1 (Slight)
Reactivity	1 (Slight)

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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.