



## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity:	TEBUJECT 16™ Systemic Fungicide and TEBUJECT 16 HP™
Synonym:	None
Product Use:	Systemic Fungicide for tree injection only
EPA Registration No.:	7946-28 and 7946-36
Product Type:	Liquid
Company Name:	J. J. MAUGET COMPANY
Company Address:	5435 PECK ROAD ARCADIA, CA 91006-5847
Tel:	626-444-1057
Fax:	626-444-7414
Emergency Contact:	INFOTRAC 1-800-535-5053 911

### 2. HAZARDS IDENTIFICATION



**Classification:**

Eye Irritation: GHS Category 2A

**Label Elements**

**Signal Word:** CAUTION!

**Hazard Statements:**

H320 – Causes eye irritation.

**Precautionary Statements:**

P264 – Wash hands thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313 – If eye irritation persists: Get medical advice/attention.

**Emergency Overview**

May cause irritation to the eyes, skin, and respiratory tract. Maybe harmful if swallowed, inhaled, or absorbed through the skin. Combustible liquid and vapor. Hygroscopic.

**HMIS Rating:**

Health – 1 Flammability – 1 Physical Hazard – 1 PPE – User supplied

NOTE: HMIS ratings use a numbering scale that ranges from 0 - 4 to indicate the degree of hazard. A value of zero means the chemical presents no hazard while a value of four indicates a high hazard. These ratings are based on the inherent properties of this chemical under expected conditions of normal use and are not intended to be used in emergency situations. PPE is determined by the user based on their needs and conditions.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Active ingredient (% w/w): Tebuconazole (16%)

CAS Nos.: 107534-96-3

Chemical Name: a-[2-(4-Chlorophenyl) ethyl]-a-(1,1-dimethylethyl)-1,2,4-triazole-1-ethanol

Chemical Class: Fungicide

EPA Signal Word: Caution

	CAS NO.	OSHA PEL	ACGIH TLV	% Ingredient
Tebuconazole	107534-96-3	N/A	N/A	16

### 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.

**INHALATION:** 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 treatment advice.

#### Potential Health Effects

##### Acute Effects

##### Principle Routes of Exposure

**Eyes:** Irritating to eyes.

**Skin:** Irritating to skin. May be absorbed through the skin in harmful amounts.

**Inhalation:** Irritating to respiratory system. May be harmful if inhaled.

**Ingestion:** May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Effects:** None listed

**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 available. Treat patient symptomatically.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray, carbon dioxide, dry chemical, or foam

**FLASH POINT:** No flash point observed.

**FLAMMABILITY LIMITS:** UEL = 1.5%, LEL = 9.7%

**SPECIAL EXPOSURE HAZARDS:** Use self-contained breathing apparatus, and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

**PRODUCTS OF COMBUSTION AND DECOMPOSITION:** See Section 10 – Stability and Reactivity

### 6. ACCIDENTAL RELEASE MEASURES



**Personal Precautions:** See Section 8 – Exposure Controls/Personal Protection

**Environmental Precautions:** Do not allow material to enter streams, sewers, or other waterways. Use for tree micro-injection only as post-bloom application.

**Spill or leak procedures:** Small Spills – Clean up spills immediately, observing precautions in Section 8. Absorb spill with absorbent material such as pet litter. After removal, flush contaminated area thoroughly with water containing a strong detergent. Sweep up and place in a chemical container. Seal the container and dispose of in accordance with all State and Federal regulations. Large Spills – Keep out of streams and domestic water supplies. Dike area to prevent contamination of local water sources.

## 7. HANDLING AND STORAGE

Store capsules in an upright position in a closed container. Store in a cool, dry place out of the reach of children. Do not contaminate water, food or feed by storage or disposal of capsules. Do not reuse micro-injection capsules. Dispose of in accordance with all State and Federal regulations. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory:** Not normally needed.

**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 barrier laminate or butyl rubber  $\geq 14$  mils, neoprene rubber, or viton. Wear long-sleeved shirt and long pants, shoes plus socks.

**General Hygiene Considerations:** Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1) do not store, use and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored; 2) wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to amber colored liquid
Odor:	Woody fragrance
pH:	6.80 @ 25° C
Boiling Point:	N/A
Melting Point:	N/A
Flash Point	None
Evaporation Fate:	Slow (<0.01)
Vapor Pressure:	N/A
Vapor Density:	N/A
Viscosity:	6.66 cP @ 50 rpm and 6.69cP @ 100 rpm (20°C, 68°F)
Specific Gravity:	1.0935 g/mL @ 20°C
Evaporation Rate:	N/A
Solubility in Water:	Limited

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal use and storage conditions

**Conditions to avoid:** Heat, sparks or open flame

**Materials to avoid:** Avoid oxidizing agents

**Hazardous decomposition products:** Thermal decomposition products may include, but are not limited to, carbon monoxide and carbon dioxide.

**Hazardous polymerization:** Will not occur

## 11. TOXICOLOGICAL INFORMATION



Acute oral LD50: Male and female rats > 5,000 mg/kg  
Acute dermal LD50: Male and female rats > 2,000 mg/kg  
Primary eye irritation: Moderately irritating to the rabbit eye  
Primary skin irritation: Classified as slightly irritating to rabbit skin.

## **12. ECOLOGICAL INFORMATION**

Summary of effects: Tebuconazole Technical is toxic to aquatic invertebrate species.

## **13. DISPOSAL CONSIDERATIONS**

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR Part 261. For disposal of wastes generated during use or if the material as supplied becomes a waste, dispose as directed on the label. Do not reuse container.

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 Classification

PROPER SHIPPING NAME: Pesticides, Liquid, Non-regulated  
HAZARD CLASS or DIVISION: Not regulated  
PACKING GROUP: N/A

### ICAO/IATA

PROPER SHIPPING NAME: Pesticides, Liquid, Non-regulated  
HAZARD CLASS or DIVISION: Not regulated  
IDENTIFICATION NUMBER: N/A

### B/L Freight Classification

Pesticides, Liquid, Non-regulated

### IMO

PROPER SHIPPING NAME: Pesticides, Liquid, Non-regulated  
HAZARD CLASS or DIVISION: Not regulated  
PACKING GROUP: N/A

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.

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.

EPA Reg. No. 7946-28

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. Following is the hazard information as required on the pesticide label:

Caution

Harmful if swallowed or absorbed through skin

Causes moderate eye irritation

EPA Reg. No. 7946-36

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. Following is the hazard information as required on the pesticide label:

Caution

Harmful if swallowed or absorbed through skin

Causes moderate eye irritation

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California Addendum (Proposition 65) Safe Drinking Water and Toxic Enforcement Act of 1986.

The following specific warnings are hereby given relative to substances that the State of California has identified as carcinogens and/or reproductive hazards under Proposition 65:

WARNING: This product contains no chemicals known to the State of California to cause cancer.

WARNING: This product contains no chemical, known to the State of California to cause birth defects or other reproductive harm.

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## 16. OTHER INFORMATION

MSDS Issue Date: May 24, 2019

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.