

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

Product Identity: Mycoject® Ultra
EPA Registration No.: 7946-32

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): Oxytetracycline hydrochloride, 4.3%
CAS No.: 2058-46-0
Chemical Class: Systemic Antibiotic
EPA Signal Word: CAUTION

	OSHA <u>PEL</u>	ACGIH <u>TLV</u>	<u>% Ingredient</u>
Oxytetracycline hydrochloride	N/A	N/A	4.3
Tetrahydrofurfuryl alcohol (THFA)	N/A	N/A	Proprietary

3. HAZARDS IDENTIFICATION

Symptoms of Exposure: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear goggles, face shield, or safety glasses, long sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves.

Routes of Entry: Inhalation, skin, eye contact and through ingestion.

Chronic/subchronic Toxicity: Gastrointestinal irritation with nausea, epigastric pain and burning, vomiting, abdominal pain, transitory yellowish-brown discoloration of the tongue, anorexia and diarrhea have been reported following oral administration. Blood disorders (delay in coagulation) have been reported. Possible

hypersensitization and super-infections due to overgrowth of organisms not affected by the antibiotic agent. Three types of renal disease are associated with over exposure: Acute Non-Oliguric Renal Failure (individuals with pre-existing pancreatitis or fatty liver), Uremia (individuals with pre-existing impaired renal function), and Reversible Nephrotoxicity (due to out-dated or degraded tetracyclines).

Carcinogenicity: Not classifiable based on IARC, ACGIH, OSHA, NTP or EPA

Mutagenicity: Not a mutagen.

Teratology (Birth defects): Possible risk of congenital malformation.

4. FIRST AID MEASURES

IF SWALLOWED:

- 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

IF IN EYES:

- 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 poison control center or doctor for treatment advice

IF ON SKIN OR CLOTHING:

- 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

IF INHALED:

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

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-535-5053 for emergency treatment information.

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.

5. FIRE FIGHTING MEASURES

FLASH POINT: > 98°C, > 208°F

METHOD USED: Tag closed cup

FLAMMABILITY LIMITS: UEL = N/A, LEL = N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, water

SPECIAL EXPOSURE HAZARDS: Use full-faced, self-contained breathing apparatus, and full protective clothing.

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 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 water when disposing of equipment washwaters or rinsate.

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

Storage: Store in a cool place over 45°F with units in an upright position. Do not expose material to temperatures in excess of 85°F for prolonged periods of time.

Work/hygienic practices: Keep out of reach of children. May be harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse. Do not allow children or pets to contact treated area.

8. PERSONAL PROTECTION

Eye: Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.

Skin: Long-sleeved shirt, long pants, shoes, socks and chemical resistant gloves such as polyethylene or butyl rubber or neoprene rubber or viton.

Ventilation: Use in well-ventilated area, but no TLV established.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown liquid
Odor:	Slight solvent
pH:	3.18 @ 25°C
Density:	1.09 g/mL
Viscosity:	4.67 (cSt) @ 22°C

10. STABILITY AND REACTIVITY

Stability:	Stable up to 3 months.
Conditions to avoid:	Avoid storage at temperatures in excess of 85°F for prolonged periods of time.
Incompatibility:	None known.
Hazardous decomposition products:	May emit carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas.
Hazardous polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute oral LD50:	3,129 mg/kg in female rats
Acute dermal LD50:	Male and female rats > 5,000 mg/kg
Primary eye irritation:	Moderately irritating
Primary skin irritation:	Moderately irritating

12. ECOLOGICAL INFORMATION

Fish Toxicity (Technical):
96 hour LC50, Rainbow Trout 116 ppm
96 hour LC50, Bluegill Sunfish 95 ppm

Invertebrate Toxicity (Technical): 102 ppm
48 hour LC50, *Daphnia magna*

13. DISPOSAL CONSIDERATIONS

Do not contaminate water when disposing of equipment washwaters or rinsate. If container is empty: dispose of in sanitary landfill or by incineration if approved by State and Local authorities.

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

14. TRANSPORT INFORMATION

DOT (domestic surface)

Hazard class or division: Non-regulated

Other shipping description: Insecticides or Fungicides, Agricultural, N.O.S.

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

CERCLA: None.

SARA TITLE III, Section 311 toxic chemicals: None

Proposition 65: None

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.

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

16. OTHER INFORMATION

HAZARD RATINGS:	NFPA	HMIS
Health	2 (Moderate)	2 (Moderate)
Flammability	1 (Slight)	1 (Slight)
Reactivity	0 (Slight)	0 (Slight)

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.