

# Walla Walla Environmental, Inc.

## Material Safety Data Sheet

MSDS Date: 12-1-99

MSDS Number: 5810-CAL/5837-CAL

**Walla Walla Environmental, Inc.**  
PO Box 1298  
Walla Walla, WA. 99362

**Emergency Telephone**  
**(509) 522-0490**

1. **PRODUCT NAME:** JT-1  
JT-DP

2. **PRODUCT NUMBER:** 581XXX

3. **PRODUCT IDENTIFICATION**

**Trade Name:** JT-1

**Active Ingredient Formula:** C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>S<sub>2</sub>

**Chemical Names/Synonyms:** Tetrahydro-3, 5-dimethyl-2H-1, 3,5 -thiadiazine-2-thione

**DOT Shipping Name:** Non-hazardous (not regulated)

**DOT Hazard Class:** Non-hazardous

4. **PHYSICAL DATA (TYPICAL)**

**Appearance:** White crystalline solid

**Solubility in Water:** <0.2%

**Odor:** Mild sulfide odor

**Melting Point:** 221 F

**Density:** 47 lb/ft<sup>3</sup>

5. **HAZARDOUS INGREDIENTS**

<b>Chemical Name</b>	<b>CAS #</b>	<b>%/ Weight</b>	<b>TLV</b>
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione	533-74-4	98	Not Estab.

6. **HAZARDS IDENTIFICATION**

**Health - 1      Flammability - 0                      Chemical Reactivity - 1**

7. **HEALTH HAZARD DATA**

**Threshold Limit Value:** Not established

**Effects of Overexposure:** Exact effects unknown. Material is a mild primary skin irritant.

**Emergency First Aid Procedures:**

**Eyes:** Flush with plenty of water for at least 15 minutes. Call a physician.

**Skin:** Wash thoroughly with soap and water. Remove and wash contaminated clothing before reusing.

**Ingestion:** Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call physician immediately.

**Note to Physician:** Probable mucousal damage may contraindicate the use of gastric lavage.

8. **SPECIAL PROTECTION INFORMATION**

**Specific personal protective Equipment:**

**Eyes:** Chemical goggles, which are, dust and splash-proof or face shield

**Skin:** Impervious clothing, rubber gloves and boots

**Respiratory:** NIOSH-approved dust or particle mask.

**Other:** Safety shower/eye wash located in immediate area. **Ventilation Requirements:**  
Provide local exhaust.

9. **FIRE AND EXPLOSION DATA**

**Flash point (method):** 280 F (TOC)

**Extinguishing Media:** Water, CO2, or dry chemical

**Special Fire Fighting Procedures:** Exercise caution when fighting any chemical fire.  
Respiratory protection is essential.

**Unusual Fire and Explosion Hazards:** None

10. **REACTIVITY DATA**

**Stability:** Material is stable.

**Incompatibility:** Strong Acids, temperatures > 212 F, strong oxidizers such as hypochlorite.

**Hazardous Decomposition Products:** Carbon Disulfide and hydrogen sulfide may form upon reaction with strong acids; fire or explosions upon reaction with oxidizers.

**Hazardous Polymerization:** Will not occur.

11. **SPILL OR LEAK PROCEDURES**

**Steps To Be Taken In Event Material Is Released Or Spilled:** Collect all spilled material. Do not flush directly to waste treatment facility or water courses.

**Waste Disposal Method:** Material is a pesticide and must be disposed of in a manner approved by EPA Resource Conservation and Recovery Act.

12. **SPECIAL PRECAUTIONS**

**Precautions To Be Taken In Handling And Storing:** Store in a cool, well-ventilated area.

**Other Precautions:** Insure containers are tightly closed when not in use.

13. **REGULATORY STATUS INFORMATION**

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** All components of this product are listed in the Toxic Substances Control Act inventory.

**COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA):** Reportable Quantity - Not established for components of this product. See SPILL OR LEAK PROCEDURES.

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA Title III) - Section 311**

**Hazard Categories:**

Acute Health:	No
Fire:	No
Sudden Release of Pressure:	No
Reactive:	No

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA Title III) - Section 311:**

Components of this product subject to reporting: none

While this information and recommendations set forth herein are believed to be accurate as of the date hereof, WALLA WALLA ENVIRONMENTAL, INC. MAKES NO WARRANTY WITH THE RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.