

# SAFETY DATA SHEET (SDS)

## Section 1 - Product and Company Identification

Product Name: Tannic Acid Product Code: S-3000-TA

Dharma Trading Company  
1805 South McDowell Blvd. Ext.  
Petaluma, CA 94954 USA  
(800) 542-5227

For Chemical Emergency, Spill, Leak,  
Exposure or Accident, call CHEMTREC  
day or night at the following number:  
1-800-424-9300

Product Use: Industrial Use Only  
Not recommended for:

## Section 2 - Hazards Identification

### GHS Ratings:

### GHS Hazards

### GHS Precautions

### Signal Word:

There are no GHS ratings that apply to this product at this time.

## Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Tannic Acid	1401-55-4	90.00% - 100.00%

## Section 4 - First Aid Measures

**Inhalation:** Remove person to fresh air and keep warm and at rest.

**Eye Contact:** Rinse immediately with plenty of water and seek medical attention.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Rinse mouth with plenty of water. Seek medical attention immediately.

### **Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in Section 2 and/or Section 11

### **Indication of immediate medical attention and special treatment needed**

In case of accident or unwellness, seek medical advice immediately. No special treatments required.

## Section 5 - Fire Fighting Measures

Flash Point: 198 C (388 F)

LEL:

UEL:

**Extinguishing Media:** Use water or carbon dioxide.

**Unusual Fire/Explosion Hazards:** Do not inhale explosion and combustion gases.

**Hazardous Combustion Products:** None

**Fire Fighting:** Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

**Fire Equipment:** Fire fighters should be equipped with self-contained breathing apparatus and turnout gear.

**Section 6 - Accidental Release Measures**

**Spill/Leak Procedure:** Scoop or sweep the material. Do not wash with water as material will become slippery. Do not allow material to enter the soil/subsoil. If material does become wet, do allow to enter into surface water or drains. Use absorbing material or sand and retain washing water and dispose of it.

**Section 7 - Handling and Storage**

**Handling Precautions:** Avoid contact with skin and eyes, inhalation of vapours and mists. Do not eat or drink while working with this material.

**Storage Requirements:** Store the material in a dry and adequately ventilated area. Keep the container lid tightly closed to ensure quality.

**Section 8 - Exposure Controls and Personal Protective Equipment**

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Tannic Acid 1401-55-4	Not Established	Not Established	Not Established

**Engineering Controls:** Use in a well-ventilated area.

**Ventilation:** Use sufficient local exhaust to remove airborne dust.

**PPE:**

Eye Protection: yes

Respiratory: not needed under normal conditions

Gloves/Apron: not needed under normal conditions

**Section 9 - Physical and Chemical Properties**

<p><b>Appearance:</b> Brown Powder</p> <p><b>Grams VOC less water:</b> No Data</p> <p><b>Odor threshold:</b> No Data</p> <p><b>pH:</b> 3.2-3.8</p> <p><b>Viscosity (cPs):</b> No Data</p> <p><b>Freezing point:</b> No Data</p> <p><b>Boiling range:</b> No Data</p> <p><b>Evaporation rate:</b> No Data</p> <p><b>Explosive Limits:</b> No Data</p> <p><b>Autoignition temperature:</b> &gt;500 C</p>	<p><b>Odor:</b> Characteristic</p> <p><b>Vapor Pressure:</b> No Data</p> <p><b>Vapor Density:</b> No Data</p> <p><b>Density:</b> No Data</p> <p><b>Melting point:</b> No Data</p> <p><b>Solubility:</b> Soluble</p> <p><b>Flash point:</b> No Data</p> <p><b>Flammability:</b> No Data</p> <p><b>Partition coefficient (n-octanol/water):</b> No Data</p> <p><b>Decomposition temperature:</b> No Data</p>
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**Section 10 - Stability and Reactivity**

**Stability and Reactivity:**

STABLE

**Materials to Avoid:** This product is degraded by contact with iron, heavy metal salts, alkaloids, gelatine, albumins, starches, oxydizing materials, and lime water.

**Hazardous Decomposition:** None

Hazardous polymerization will not occur.

**Section 11 - Toxicological Information**

**Mixture Toxicity**

Oral Toxicity LD50: 2,260mg/kg

**Routes of Entry**

Inhalation: Yes    Skin: Yes    Ingestion: Yes

**Carcinogenicity**

NTP: No    IARC: No    OSHA: No

**Acute Toxicity**

No data available

**Germ cell mutagenicity**

No data available

**Sensitization**

No data available

**LD50 dermal and oral**

> 2000 mg/Kg (oral rat)

**Acute effects of overexposure:** None known

**Chronic effects of overexposure:** None known

**Section 12 - Ecological Information**

Adopt sound working practices, so that the product is not released into the environment.

**Component Ecotoxicity**

**Section 13 - Disposal Considerations**

Treat as a non-hazardous material. No special disposal methods are suggested. It is the user's responsibility to comply with all local, state, and federal laws, rules, standards, and regulations.

**Section 14 - Transport Information**

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Not Regulated			
IMO/IMDG	Not Regulated			

**Section 15 - Regulatory Information**

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

**EPCRA:**

- None

**OSHA Hazard Communication Standard, 29 CFR 1910.1200:**

- None

**This product contains the following chemicals subject to the reporting requirements of SARA Title III, section 313 and 40 CFR 372:**

- None

<b>Country</b> US	<b>Regulation</b> Toxic Substances Control Act	<b>All Components Listed</b> Yes
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**Section 16 - Other Information**

**Hazardous Material Information System (HMIS)**

<b>HEALTH</b>	<input type="text" value="1"/>	<b>1</b>	<b>HMIS &amp; NFPA Hazard Rating</b> Legend * = Chronic Health Hazard <b>0 = INSIGNIFICANT</b> <b>1 = SLIGHT</b> <b>2 = MODERATE</b> <b>3 = HIGH</b>
<b>FLAMMABILITY</b>	<input type="text" value="1"/>	<b>1</b>	
<b>PHYSICAL HAZARD</b>	<input type="text" value="0"/>	<b>0</b>	
<b>PERSONAL PROTECTION</b>	<input type="text" value="E"/>	<b>E</b>	

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Reviewer Revision 1