SAFETY DATA SHEET
ENOLOGICAL TANNINS - POWDER

Section 1: Identification of the Substance and of the Company

1.1 Product Identifier:
Product Name: Tannins, Powder
Synonyms: Cherry-Tan, Gallic-Tan, Color-Tan, Color-Tan NT, Tani-Complete, Tani-Grape, Tani-Structure, Tani-Heritage, Querca-Tan Blanc, Querca-Tan MK, Querca-Tan Rouge, Querca-Tan UT, Querca-Tan VN, Chestnut
CAS Number: 1401-55-4

1.2 Relevant Identified uses of the Substance and Uses Advised Against:
Relevant Identified Uses: Professional Food and Food/Industrial uses; enological additive.

1.3 Details of the Supplier of the Safety Data Sheet:
Supplier: ATPGroup
2 Madison Ave.
Larchmont, NY 10538 USA
Telephone: 914-834-1881
Fax: 914-834-4611
www.atpgroup.com

1.4 Emergency Telephone Number
Telephone
800-424-9300 – CHEMTREC (24/7) – within USA & Canada
+1 703-527-3887 – CHEMTREC (24/7) – International & Maritime
914-834-1881 – ATPGroup

Section 2: Hazards Identification

2.1 Classification of the Substance:
Enological Tannins are not classified as hazardous under the provisions of Directives 67/548/EEC and 1999/45/EC and/or Regulation EC 1272/2008 (CLP) and subsequent amendments and adjustments
2.2 Label Elements:
According to EC REG. No. 1272/2008

**Hazard Pictogram:** None  
**Signal Word:** None  
**Hazard Statements:** None  
**Precautionary Statements:** None

2.3 Other Hazards:
The substance / mixture is not dangerous according to Directive 1999/45/EC as amended and adapted. No information on other hazards.

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**Section 3: Composition/Information on Ingredients**

3.1 Substances

<table>
<thead>
<tr>
<th>Chemical Name:</th>
<th>Tannic acid; proanthocyanidin</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number:</td>
<td>1401-55-4</td>
</tr>
<tr>
<td>EC Number:</td>
<td>215-753-2</td>
</tr>
<tr>
<td>Other information:</td>
<td>Concentration 100%</td>
</tr>
</tbody>
</table>

3.2 Mixtures/Ingredients

No hazardous components under Dir. 67/548/EEC, CLP and their classification

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**Section 4: First Aid Measures**

4.1 Description of First Aid

**Skin Contact:** Wash thoroughly with soap and water  
**Eye Contact:** Immediately rinse with plenty of water for at least 10 minutes. If irritation persists, seek medical advice.  
**Ingestion:** Rinse mouth with plenty of water and seek medical advice.  
**Inhalation:** Ventilate the area. Immediately move the patient to a well ventilated area. If you feel unwell seek medical advice.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

No data available
4.3 Indication of any Immediate Medical Attention and Special Treatment Needed
In case of doubt seek medical advice

Section 5: Fire-fighting Measures

5.1 Extinguishing Media
   Suitable Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.
   Unsuitable Extinguishing Media for Safety Concerns: No data available

5.2 Special Hazards Arising from the Substance
   Fire: None
   Explosion: None
   Other: Avoid breathing smoke if involved in fire.

5.3 Advice for Firefighters
   In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Wear fire-proof jacket and pants.

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures
   Non-Emergency Personnel: move away from the area surrounding the spill or release. No smoking. Wear appropriate protective equipment (see section 8).
   Emergency Personnel: ventilate area, wear appropriate protective equipment (see section 8), avoid breathing the dust and contact with eyes. Evacuate the danger area and, if necessary, consult an expert.

6.2 Environmental Precautions
   Limit spills with earth or sand. If the product has escaped into a water course, into the drainage system, or it has contaminated the ground or vegetation, notify the competent authorities. Dispose of waste in compliance with current local regulation.
6.3 Methods and Material for Containment and Cleaning Up
   Collect the spilled material in appropriate containers using a method that does not generate dust (vacuum cleaner or water cleaner) for reclamation or disposal in accordance with local rules. Flush area with water.

6.4 Reference to Other Sections
   See Section 8 or 13

Section 7: Handling and Storage

7.1 Precautions for Safe Handling
   Follow appropriate Good Manufacturing Practices. Avoid contact, inhalation and ingestion of dust. See also section 8.

7.2 Conditions for Safe Storage, Including Any Incompatibilities
   Keep in a tightly closed container. Do not store in unlabeled containers. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat/ignition, moisture, direct sunlight, extreme cold, and incompatibilities. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

7.3 Specific End Uses
   See 1.2

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters
   No data available

8.2 Exposure Controls
   Appropriate Engineering Controls: Provide ventilation system; in general dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.
Personal Protective Equipment (PPE):

Personal Respirators (NIOSH Approved): Recommended
Skin Protection: Gloves and protective clothing to prevent contact.
Eye Protection: Use chemical safety goggles with side shields (ref. EN 166). Maintain eye wash fountain and quick-drench facilities in work area.
Hygiene Measures: Handle with accordance with good industrial hygiene and safety practice. Wash your hands before breaks and at the end of the workday. Keep away from food and drink. Wash work clothing and PPE periodically to remove contaminants.

Section 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Granular or powder from yellow to brown
Odor: Characteristic
Odor Threshold: N/A
pH: 2.0 – 5.0
Melting Point: No data available
Freezing Point: No data available
Boiling Point: No data available
Flash Point: 198°C
Flammability: Not flammable   Upper Limit: N/A   Lower Limit: N/A
Explosive Properties: Not explosive   Upper Limit: N/A   Lower Limit: N/A
Auto-Ignition Temperature: > 500°C
Decomposition Temperature: No data available
Partition Coefficient: n-Octanol/water: No data available
Solubility: Near complete solubility in water
Relative Density: No data available
Vapor Density (Air=1): No data available
Evaporation Rate (BuAc=1): No data available
Vapor Pressure (mm Hg): No data available
Viscosity: No data available

Section 10: Stability and Reactivity

10.1 Reactivity

Product is not reactive under recommended use and storage.
10.2 Chemical Stability
Stable under ordinary conditions of use and storage

10.3 Possibility of Hazardous Reactions
Dusts can form flammable mixtures with air in the presence of adequate ignition energy.

10.4 Conditions to Avoid
Heat, flames, ignition sources, incompatible materials, and moisture.

10.5 Incompatible Materials
Iron, Heavy metal salts, alkaloids, gelatin, albumins, starches, oxidizing materials, lime water

10.6 Hazardous Decomposition Products
No decomposition when used per manufacturer’s instructions.

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Section 11: Toxicological Information

11.1 Information on Toxicological Effects
Acute Toxicity:
LD50 (rat) : > 2500 mg/Kg

Unless otherwise specified, the data required by Regulation 453/2010 / EC listed below are considered NOT APPLICABLE (N.A.)

1. Acute Toxicity
2. Skin Corrosion/Irritation
3. Serious Eye Damage/Irritation
4. Respiratory or Skin Sensitization
5. Germ Cell Mutagenicity
6. Reproductive Toxicity
7. STOT-Single Exposure
8. STOT-Repeated Exposure
9. Aspiration Hazard
10. Information on Likely Routes of Exposure

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Ingredient
Enological Tannins

Known Anticipated IARC Category
No No None
Section 12: Ecological Information

12.1 Toxicity
   Adopt good working practices, avoiding release of the product in the environment.

12.2 Persistence and Degradability
   Not dangerous

12.3 Bioaccumulative Potential
   No data available

12.4 Mobility in Soil
   No data available

12.5 Results of PBT and vPvB Assessment
   No data available

Section 13: Disposal Considerations

13.1 Waste Treatment Methods
   Whatever cannot be saved for recovery or recycling should be managed in an appropriate and
   approved waste disposal facility. Processing, use or contamination of this product may change
   the waste management options. State and local disposal regulations may differ from federal
   disposal regulations. Dispose of container and unused contents in accordance with federal, state
   and local requirements. Empty containers have to be handled with the same caution as the pure
   substance.

Section 14: Transport Information

   Not regulated. Not a Hazardous Material

Section 15: Regulatory Information

15.1 Standards and legislation, health legislation specific for the substance / mixture
   - Regulation 3/2/1997 n. 52 (Classification, packaging and labeling of dangerous substances)
   - Regulation 14/3/2003 n. 65 (Classification, packaging and labeling of dangerous substances)
   - D.M. 26/02/2004 work (occupational exposure limits)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EC) No. 790/2009 (ATP1 CLP)
- Regulation (EU) No. 286/2011 (ATP 2 CLP)
- Restrictions related to the product or contained substances pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH) and subsequent amendments

Where applicable, refer to the following regulations:
- Regulation September 21, 2005 n. 238 (Seveso Directive Ter)
- Regulation EC No. 648/2004 (detergents).
- Decree 9 January 1927, n. 147 (Toxic Gas)

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**Section 16: Other Information**

**Revision Information:** SDS Revision Date April 11, 2016

**Disclaimer:**

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