

Material Safety Data Sheet

S-3000-TA Tannic Acid

SNP, Inc.

...is Synthetic and Natural Polymers

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1. PRODUCT IDENTIFICATION

Product name: Tannic Acid

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Name</u>	<u>CAS Number</u>
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Tannic Acid	84695-99-8
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3. HAZARD IDENTIFICATION

Avoid contact with skin and inhalation of the powders.

4. FIRST AID MEASURES

Skin: Wash with plenty of water and soap.

Eyes: Wash immediately with water for at least 10 minutes. Seek medical advice.

Ingestion: Rinse mouth with water. Seek medical attention if symptoms appear.

Inhalation: Ventilate the premises. Move patient to a well-ventilated area. Seek medical attention if symptoms appear.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use water.

Fire and Explosion Hazards: Aqueous solutions will not combust unless water is removed.

Hazardous Decomposition Products: Oxides of carbon.

Fire Fighting Equipment: Fire fighters should use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Scoop or sweep the material. After recovery, rinse the area with water. Dispose of material as stated in Section 13.

7. HANDLING AND STORAGE

Store the material above 0°C and below 40°C in a dry and adequately ventilated area. Keep the container lid tightly closed to ensure quality. As always use good industrial hygiene and safety.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Give adequate ventilation to the premises where the product is stored and/or handled.

Protective Equipment:

Eyes: Safety goggles meeting ANSI Z87.1 code.

Skin: Appropriate clothes and gloves e.g. P.V.C., neoprene or rubber.

Respiratory: Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Exposure limit(s) (ACGIH): None

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and color:	Brown powder
Odor:	Characteristic
pH:	3.5 ± 0.3
Melting point:	Degrade at 200°C
Boiling point:	N/A
Flash point:	198°C
Auto ignition temperature:	> 500°C
Vapor pressure:	N/A
Relative density:	0.5 - 0.6 Kg/dm ³
Solubility in water:	Soluble up to 99%
Lipid solubility:	Insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid:	Stable under normal conditions. Powders can form flammable mixtures with air if the amount of ignition power is enough
Substances to avoid:	Incompatible with strong oxidants, gelatin, starches.
Hazardous decomposition products:	Under combustion conditions there is emission of acrid and irritating fumes and gases such as carbon and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

LD50:	> 2500 mg/Kg (oral rat)
Acute Effects from Overexposure:	No data
Chronic Effects from Overexposure:	No delayed, sub-chronic or chronic test data are known.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

It is the user's responsibility to comply with all local, state, and federal laws, rules, standards, and regulations. Chemical and/or biological degradation is feasible.

14. TRANSPORT INFORMATION

This product is non-hazardous according to transportation regulations.

15. REGULATORY INFORMATION

SARA Title III (Super Fund Amendments and Reauthorization Act)

Section 302 Extremely Hazardous Substances (40 CFR 355): not listed.

Section 313 Reportable Ingredients (40 CFR 372): This product does not contain any toxic chemicals subject to reporting requirements.

CERCLA Regulatory (40 CFR 302.4): not listed.

California Proposition 65 Statement: To the best of our knowledge, this product does not contain any chemicals currently on the California list of known carcinogens and reproductive toxins.

TSCA Inventory (40 CFR 710 subpart B): listed.

CAA: This material does not contain any hazardous air pollutants, Class 1 Ozone depletors, or Class 2 Ozone depletors.

CWA: None of the chemicals in this product are listed as Hazardous Substances, priority pollutants, or toxic pollutants under the CWA.

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16. Other Information

HMIS RATING	
Health	2
Flammability	1
Reactivity	0
Personal Protective Equipment	E

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