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Effective Date: January, 1993
Product Name: Tannic Acid
Chemical Family: Polyphenols
Chemical Formula: C₇₆H₅₂O₄₆
CAS No.: 1401-55

Hazardous Ingredients: N/A

Physical Data:

Melting point (range) Approx.:	200°C
Boiling point:	N/A (solid)
Solubility in water:	Soluble (1gr. dissolves in 0.3ml H ₂ O)
Physical form:	White, yellow powder.
Specific gravity:	0.25
Vapor Density:	N/A
Reactivity in Water:	NO

Fire and Explosion Information:

Flash point:	198°C (Open Cup)
(Auto) Ignition temperature:	527°C
Extinguishing media to be recommended:	Water Spray, Carbon Dioxide, Foam, Dry Chemical
Flammable limits:	N/A
Special fire fighting procedures:	None
Unusual fire & Explosion hazards:	None

Reactivity Data: Stable X **Unstable**

Conditions to avoid: Reacts readily with alkaline substances and proteins

Hazardous Decomposition: None

Hazardous Polymerization: Will not occur.

Conditions to avoid: Will darken upon exposure to light

Incompatibilities: Metals, Alkaloids, Proteins, Starch, Oxidizing and Alkaline substances.

Handling and Storage Information: Store in tight closed containers. Avoid dust, and exposure to light and water.

Leak/Spill Information: Sweep up, wash down with water.

Disposal Information: Incinerate, nothing specific.

Other Precautions: N/A

Health Hazard Information:

A. Exposure/Health Effects

Signs & symptoms of exposure: Threshold limit value (Oral) 5gr/kg LD₅₀

Inhalation: May irritate.

Skin Contact: May irritate.

Eye contact: May irritate.

Aggravation of pre-existing conditions: None.

Chemical listed as carcinogenic or Potential carcinogenic: No

National Toxicology Program: No

I.A.R.C. Monographs: No
OSHA: No

B. First Aid:

Inhalation: Remove to fresh air
Skin Contact: Wash skin with soap and water.
Eye Contact: Flush with plenty of water; get medical aid.
Ingestion: Drink Milk, seek medical attention

Occupational Control Measures:

Ventilation Systems: Local dust exhaust system recommended
Personal Respirators: Approved dust mask.
Skin Protection: Recommended.
Eye Protection: Safety goggles.
Protective clothing or equipment: Equipment routinely used for corrosive material
