

Section 1: Identification

Product Name Tannic Acid USP
Commercial Name Not available.
Product Use Manufacture of substances
Restrictions On Use Not available

Product Code 30-1123

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Acute toxicity, Oral (Category 4)
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product.
Response P301 P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P330 Rinse mouth.
Storage Not available.
Disposal P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Tannic acid
% By Weight 100
CAS# 1401-55-4
Molecular Weight 1701.28 g/mole
Chemical Formula C76H52O46
Synonym(s) Gallotannin

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Tannic acid	1401-55-4	100	Not available.	ORAL (LD50):Acute: 2260mg/kg [Rat].

Section 4: First-Aid Measures

Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Flush eyes with water as a precaution.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Not available.
Products of Combustion	Carbon oxides
Firefighters Special Equipment and Precautions	Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Storage: Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available.
Personal Protection	Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Appearance	Pale yellow to yellow solid		
Odor	Odorless		
Odor Threshold	Not available		
Melting Point	218	pH	<7.5%
Freezing Point	Not available	Vapor Pressure	< 0.0000001 kPa at 25 °C
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	>200	Autoignition temperature	527
Flammability	Not applicable	Flammability or Explosive Limits:	
		Lower	Not applicable
		Upper	Not applicable
Solubility(ies)	Soluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under recommended storage conditions.
Hazardous Polymerization	Not available.
Conditions to Avoid	Not available
Incompatible Materials	Strong oxidizing agents, Strong bases
Hazardous Decomposition Products	Carbon oxides

Section 11: Toxicological Information**RTECS** WW5075000**Acute Toxicity**

Oral LD50 LD50 Oral - rat - 2,260 mg/kg Remarks: Behavioral:Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration:Dyspnea. Gastrointestinal:Other changes. LD50 Intraperitoneal - mouse - 120 mg/kg

Skin Corrosion/Irritation

May be harmful if absorbed through skin May cause skin irritation.

Serious Eye Damage/Irritation

May cause eye irritation.

Respiratory or Skin Sensitization

May be harmful if inhaled. May cause respiratory tract irritation.

Germ Cell Mutagenicity

Not available

Carcinogenicity

None

Reproductive Toxicity

Not available

Routes of Entry

Inhalation. Ingestions. Skin. Eyes.

Symptoms Related to Exposure

Not available.

Potential Health Effects

May be harmful if swallowed.

Target Organ(s) Not available**Section 12: Ecological Information****Ecotoxicity**

Toxicity to fish mortality LOEC - Oncorhynchus tshawytscha - 1.7 mg/l - 3 d LC50 - Gambusia affinis (Mosquito fish) - 37 mg/l - 96 h mortality NOEC - Oncorhynchus tshawytscha - 0.96 mg/l - 3 d

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Harmful to aquatic life with long lasting effects.

Section 13: Disposal Considerations**Waste Disposal**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Disposal of Container

Dispose of as unused product.

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

OSHA Hazards Target Organ Effect SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards Chronic Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components Tannic acid CAS-No. Revision Date 1401-55-4 New Jersey Right To Know Components Tannic acid CAS-No. Revision Date 1401-55-4 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Other

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC) R36/38- Irritating to eyes and skin.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent.;Splash goggles.

Section 16: Other Information

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