

# Material Safety Data Sheet

Issue Date: 12/6/2006

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## Section 1: Chemical Product and Company Identification

Cat#: 04459

Part Name: TANNIC ACID

Supplier: Polysciences, Inc.  
400 Valley Road  
Warrington, PA 18976  
Telephone #215-343-6484

## Section 2: Composition/ Information on Ingredients

Item#	Name	CAS#	% in product
1	Pentadigalloyl glucose	001401554	100

### OSHA (ACGIH) Exposure Limits

CAS#	IDLH	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
001401554	NE	NE	NE	NE	NE	NE	NE
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

## Section 3: Hazards Identification

May cause skin, eye and respiratory tract irritation.  
Suspect cancer hazard.

### Hazard Ratings:

These ratings are Polysciences' Inc. own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
2	1	0

## Section 4: First Aid Measures

Contact medical personnel if discomfort persists.  
Flush eyes with flowing water for at least 15 minutes.  
If breathing is difficult, contact emergency personnel.  
If swallowed, induce vomiting as directed by medical personnel.  
If swallowed, wash out mouth with water if person is conscious.  
Remove contaminated clothing.  
Remove to fresh air.  
Separate eyelids with finger tips.  
Wash skin with deluge of water for at least 15 minutes.

## Section 5: Fire Fighting Measures

Flash point, deg F.: no data                      Method: no data  
UEL: no data                      LEL: no data                      Autoignition temperature, deg. F.: 527 C  
Flammability Classification: no data                      Flame Propagation Rate: no data  
Hazardous Combustion Products: no data

## Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Protect personnel from exposure.  
Sweep up solids.  
Use appropriate personal protective equipment.

## Section 7: Handling and Storage

Keep away from light.  
Keep away from moisture.  
Store at room temp

**Section 8: Exposure Controls/ Personal Protection**

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use butyl rubber gloves. Latex is not adequate.  
Use latex or equivalent gloves.

**Section 9: Physical and Chemical Properties**

Formula: C76H52O46 vapor pressure: no data  
Formula Weight: 1701.23 vapor density: no data  
boiling point: no data Specific gravity: 0  
melting point: no data ph: no data  
solubility: complete appearance: yellowish to light tan powder

**Section 10: Stability and Reactivity**

Chemical Stability: stable  
Conditions to Avoid: exposure to light  
Incompatibility with other materials: no data  
Hazardous Decomposition Products: oxides of carbon  
Hazardous Polymerization: will not occur

**Section 11: Toxicological Information**

Acute Data: LD50 Oral rat 2260 mg/kg  
Subchronic data: no data

**Section 12: Ecological Information**

no data

**Section 13: Disposal Considerations**

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
001401554	not listed	not listed

**Section 14: Transportation Data**

Refer to bill of lading or container label for DOT or other transportation hazard classification , if any.

**Section 15: Regulatory Information**

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
001401554	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#
001401554 not listed

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated name	de minimis conc. %	Rep. Thres.
001401554	not listed	not listed	not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated name	TPQ (pounds)	EHS-RQ(pounds)
001401554	not listed	not listed	not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated name	RQ (pounds)
001401554	Not listed	Not listed

**Section 16: Other Information**

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Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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END OF MSDS