



MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. PP 900
Effective Date November 18, 1998

SECTION V HEALTH HAZARD DATA

PP 900

Threshold Limited Value None established (ACGIH 1992-93). RTECS No. UX2800000 Toxicity data: Oral-rat LD50 789 mg/kg, oral-human LD₅₀ 28 mg/kg.

Effects of Overexposure **INGESTION:** May cause severe G.I. irritation, renal and hepatic damage, hemolysis, methemoglobinemia, convulsions, circulatory collapse. **EYES:** Contact causes irritation. **SKIN:** Prolonged contact may cause irritation. May be absorbed through the skin. Repeated contact may result in allergic skin reaction. Dust or vapor may cause systemic effects.

Emergency and First Aid Procedures **INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. Do not induce vomiting. Call physician immediately. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Protect from light, air and moisture. Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizers, alkalies.

Hazardous Decomposition Products Carbon monoxide, carbon dioxide.

Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Avoid creating dust. Wear suitable protective clothing, sweep spill material onto paper. Place in fiber carton. Incinerate. Wash spill area well with soap and water.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Make up small package in paper or other flammable material. Dispose of in an approved incinerator or contract with a licensed waste disposal service..

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None should be needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment Smock, apron, eye wash station, proper gloves, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place and protect from light, air and moisture. Wash thoroughly after handling. Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.

Avoid eye and skin contact. Do not take internally. Darkens on exposure to light. Sublimes when slowly heated. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5	Date 11/18/98	Approved Michael Raszeja	Chemical Safety Coordinator MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	PYROGALLIC ACID	<p>CHEMTREC 800-424-9300 Day 716-226-6177</p>	Health	2
Chemical Synonyms	Trihydroxy Benzene, Pyrogallol		Fire	1
Formula	1,2,3-(HO) ₃ C ₆ H ₃		Reactivity	0
Unit Size	up to 2.5 Kg.		NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	
C.A.S. No.	87-66-1			

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Pyrogallol Acid	100%	None established.

WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES SKIN AND EYE IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	130°-136°C (266°-277°F)	Specific Gravity (H₂O = 1)	1.453 (4/4°C)
Boiling Point (°F)	309°C (588°F)	Percent Volatile by Volume (%)	Not applicable.
Vapor Pressure (mm Hg)	10 mmHg @ 168°C	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	4.4		
Solubility in Water	58.8 grams per 100 mL. water at 20°C.		
Appearance & Odor	White powder or crystals; slight characteristic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable (NA).	Flammable Limits in Air % by Volume	NA	Lower	Upper
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Extinguisher Media Water spray; dry chemical (ABC); carbon dioxide (CO₂).

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Dangerous when heated, it may emit highly toxic fumes; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20