



P7973 -01  
Effective: 11/22/85

Pyrogallol

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**SECTION I - PRODUCT IDENTIFICATION**

Product Name: Pyrogallol  
Formula:  $1,2,3-(\text{HO})_3\text{C}_6\text{H}_3$   
Formula Wt: 126.11  
CAS No.: 00087-66-1  
NIOSH/RTECS No.: UX2800000  
Common Synonyms: 1,2,3-Trihydroxybenzene; 1,2,3-Benzenetriol; Pyrogallic Acid  
Product Codes: 0290, 0288

**PRECAUTIONARY LABELLING**

BAKER SAF-T-DATA<sup>TM</sup> System

HEALTH	FLAMMABILITY	REACTIVITY	CONTACT
<b>2</b>	<b>1</b>	<b>0</b>	<b>* 3</b>
MODERATE	SLIGHT	NONE	SEVERE

Laboratory Protective Equipment



GOGGLES



LAB COAT



VENT HOOD



PROPER GLOVES

Precautionary Label Statements

**WARNING!**  
**EXCEPTIONAL CONTACT HAZARD - READ MATERIAL SAFETY DATA SHEET**  
**HARMFUL IF SWALLOWED**  
**CAUSES IRRITATION**

Avoid contact with eyes, skin, clothing.  
Keep in tightly closed container. Wash thoroughly after handling.

**SECTION II - HAZARDOUS COMPONENTS**

<u>Component</u>	<u>%</u>	<u>CAS No.</u>
Pyrogallol	90-100	87-66-1

**SECTION III - PHYSICAL DATA**

Boiling Point: 309°C ( 588°F) Vapor Pressure(mmHg): N/A  
Melting Point: 132°C ( 270°F) Vapor Density(air=1): N/A

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**J. I. Baker Chemical Co.**222 Red School Lane Phillipsburg, N.J. 08865  
24-Hour Emergency Telephone -- (201) 859-2151Chemtrec # (800) 424-9300  
National Response Center # (800) 424-8802**MATERIAL  
SAFETY DATA  
SHEET**7973 -01  
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**SECTION III - PHYSICAL DATA (Continued)**  
-----Specific Gravity: 1.45  
(H<sub>2</sub>O=1)Evaporation Rate: N/A  
(Butyl Acetate=1)Solubility(H<sub>2</sub>O): Appreciable (more than 10 %) % Volatiles by Volume: N/AAppearance & Odor: White, odorless, crystalline solid.  
-----**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**  
-----

Flash Point: N/A

Fire Extinguishing MediaUse extinguishing media appropriate for surrounding fire.  
-----**SECTION V - HEALTH HAZARD DATA**  
-----

Toxicity:	LD <sub>50</sub> (oral-rat)(mg/kg)	-	789
	LD <sub>50</sub> (ipr-mouse)(mg/kg)	-	400
	LD <sub>50</sub> (oral-rabbit)(mg/kg)	-	1600

Effects of Overexposure

Dust may irritate eyes.

Dust may irritate nose and throat.

Prolonged contact may cause skin sensitization.

Skin absorption may be harmful.

Ingestion may cause nausea, vomiting and loss of consciousness.

Emergency and First Aid Procedures

CALL A PHYSICIAN.

If swallowed, if conscious, immediately induce vomiting.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Flush skin with water.  
-----**SECTION VI - REACTIVITY DATA**  
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Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: air, heat, light

Incompatibles: alkali metals, ammonia, iodine,  
strong oxidizing agents, strong bases, metal oxides

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Issued: 11/22/85**SECTION VII - SPILL AND DISPOSAL PROCEDURES****Steps to be taken in the event of a spill or discharge**

Wear self-contained breathing apparatus and full protective clothing.  
With clean shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

**Disposal Procedure**

Dispose in accordance with all applicable federal, state, and local environmental regulations.

EPA Hazardous Waste Number: D002 (Corrosive Waste)

**SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT**

**Ventilation:** Use adequate general or local exhaust ventilation to keep fume or dust levels as low as possible.

**Respiratory Protection:** A chemical cartridge respirator with organic vapor cartridge is recommended. If airborne concentration exceeds capacity of cartridge respirator, a self-contained breathing apparatus is advised.

**Eye/Skin Protection:** Safety goggles; uniform, apron, proper gloves are recommended.

**SECTION IX - STORAGE AND HANDLING PRECAUTIONS**SAF-T-DATA<sup>TM</sup> Storage Color Code: Blue**Special Precautions**

Keep container tightly closed. Store in secure poison area.  
Keep container out of light.

**SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION****DOMESTIC (D.O.T.)**

Proper Shipping Name Chemicals, n.o.s.

**INTERNATIONAL (I.M.O.)**

Proper Shipping Name Chemicals, n.o.s.

N/A - Not Applicable or Not Available

The information published in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for

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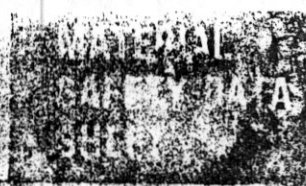




# J. I. Baker Chemical Co.

222 Red School Lane Phillipsburg, N.J. 08865  
24-Hour Emergency Telephone: (201) 859-2151

Cheatreac # (800) 424-9300  
National Response Center # (800) 424-6800



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no adoption of necessary safety precautions. We reserve the right to revise  
Safety Data Sheets periodically as new information becomes available.