



Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)  
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## PYROGALLOL

### 1. Product Identification

Synonyms: 1,2,3-Trihydroxybenzene; pyrogallol; 1,2,3-benzenetriol

CAS No.: 87-66-1

Molecular Weight: 126.11

Chemical Formula:  $C_6H_3(OH)_3$

Product Code : 39068 ; A-39068

### 2. Composition/Information on Ingredients

| Ingredient | CAS No  | Percent |
|------------|---------|---------|
| Pyrogallol | 87-66-1 | 100%    |

### 3. Hazards Identification

Potential Health Effects

Inhalation: Irritant. May be absorbed through the lungs. Can cause coughing, sneezing or difficulty in breathing.

Ingestion: Ingestion can lead to severe gastrointestinal irritation, vomiting, and diarrhea.

Skin Contact: Irritant. Causes redness and soreness. Pyrogallic acid is readily absorbed through the skin and severe or fatal poisoning can occur.

Eye Contact: Causes irritation with redness and pain.

Chronic Exposure: Accumulation of pyrogallic acid in the system affects the kidneys and liver.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of the substance.

### 4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician immediately.

Skin Contact: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

### 5. Fire Fighting Measures

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.



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#### 6. Accidental Release Measures

Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment.

#### 7. Handling and Storage

Store in a cool, dry, ventilated area away from sources of heat or ignition. Isolate from oxidizing materials. Protect from direct sunlight. Containers of this material may be hazardous when empty since they retain product residues (dust, solids).

#### 8. Exposure Controls/Personal Protection

Airborne Exposure Limits: None established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

#### 9. Physical and Chemical Properties

Appearance: White to slightly yellow powder.

Odor: Characteristic odor.

Solubility: ca. 60g/100ml water @ 20C (68F).

Density: 1.45

pH: No information found.

% Volatiles by volume @ 21C (70F): 0

Boiling Point: 309C (588F)

Melting Point: 131 - 133C (268 - 271F)

Vapor Density (Air=1): 4.4

Vapor Pressure (mm Hg): 10 @ 167.7C (334F)

Evaporation Rate (BuAc=1): No information found.

#### 10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage. Darkens on exposure to air or light.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization: Will not occur.

Incompatibilities: Oxygen, oxidizing agents, alkalis, ammonia, iodine, iron and lead salts, and phenol.

Conditions to Avoid: Air, heat, and light.

#### 11. Toxicological Information

Oral rat LD50: 789 mg/kg. Irritation skin rabbit: 2mg/kg/24H severe. Eye rabbit: 20 mg/24H severe.

Investigated as a mutagen, tumorigen, and reproductive effector.

The information contained herein is in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.



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## 12. Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: This material is expected to be toxic to aquatic life.

## 13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. Transport Information

Land

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Proper Shipping Name: PYROGALLOL (PYROGALLIC ACID)

Hazard Class: 6.1

UN/NA: UN2811

Packing Group: III

Information reported for product/size: 500G

International (Water)

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Proper Shipping Name: PYROGALLOL (PYROGALLIC ACID)

Hazard Class: 6.1

UN/NA: UN2811

Packing Group: III

Information reported for product/size: 500G

International (Air)

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Proper Shipping Name: PYROGALLOL (PYROGALLIC ACID)

Hazard Class: 6.1

UN/NA: UN2811

Packing Group: III

Information reported for product/size: 500G

## 15. Regulatory Information

SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No

Reactivity: No (Pure / Solid)

## 16. Other Information

Product Use:

Laboratory Reagent.