

# FLINN SCIENTIFIC, INC.

## Material Safety Data Sheet (MSDS)

MSDS #: 664.00

Revision Date: February 24, 2012

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Pyrogallol

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

### SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Pyrogallol

Synonym: Pyrogallic acid

CAS#: 87-66-1

### SECTION 3 — HAZARDS IDENTIFICATION

White crystalline granules which may turn gray on exposure to light. Odorless.

Highly toxic by ingestion, inhalation and skin absorption. Substance is readily absorbed through the skin. Severe irritant. Sensitizer. Avoid all body contact. When in contact with oxygen in the blood, can cause respiratory death.

#### FLINN AT-A-GLANCE

Health-3

Flammability-0

Reactivity-0

Exposure-2

Storage-3

0 is low hazard, 3 is high hazard

### SECTION 4 — FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately.

Eye or External: Immediately flush with fresh water for at least 15 minutes.

Internal: Do NOT induce vomiting. Rinse mouth. Call a physician or poison control at once.

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable solid.

When heated to decomposition, emits acrid and toxic fumes.

**Fire Fighting Instructions:** Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

#### NFPA CODE

None

established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

### SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic #8. Store with phenols and cresols.

Store in a poisons cabinet. Use and dispense in a hood.

### SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use exhaust ventilation to keep airborne concentrations low.

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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White crystalline granules which may turn gray on exposure to light. Boiling point: 309 °C  
Solubility: Soluble in water and alcohol. Melting point: 131-133 °C  
Formula:  $C_6H_6O_3$  Specific gravity: 1.463  
Formula weight: 126.12 Vapor density: 4.4

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**SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with acid chlorides, acid anhydrides, bases and oxidizing agents. Avoid exposure to light.  
Shelf life: Indefinite, crystals turn gray on exposure to light.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: Toxic, severe irritant, and sensitizer ORL-RAT LD<sub>50</sub>: 300 mg/kg  
Chronic effects: N.A. ORL-HUMAN LDL<sub>0</sub>: 28 mg/kg  
Target organs: Blood, liver, kidneys SKN-RBT LD<sub>50</sub>: 500 mg/24 hour

N.A. = Not available, not all health aspects of this substance have been fully investigated.

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data not yet available.

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply, before proceeding.  
Flinn Suggested Disposal Method #18b is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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Shipping name: Not regulated  
Hazard class: N/A  
UN number: N/A  
N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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TSCA-listed, EINECS-listed (201-762-9).

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**SECTION 16 — OTHER INFORMATION**

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**Consult your copy of the *Flinn Science Catalog/Reference Manual*  
for additional information about laboratory chemicals.**