



SAFETY DATA SHEET

[Required under safety and health regulations for shipping and handling]

Version: 2019
Date Updated: July 04, 2019

SECTION 1. ----- PRODUCT AND COMPANY IDENTIFICATION -----

Product Name Pyrogallol (1,2,3-Trihydroxybenzene)
Product Code(s) PC6880
Recommended Use For Laboratory Research Use Only
Not for Human or Animal Drug Use

Supplier Bio Basic Inc.
Address 20 Konrad Crescent, Markham, Ontario,
Canada, L3R 8T4
Telephone (905) 474 4493
Fax (905) 474 5794
For Chemical Emergency Phone# (416) 995 9730

SECTION 2. ----- HAZARDS IDENTIFICATION -----

GHS Classification: Acute toxicity, Inhalation (Category 4)
Acute toxicity, Dermal (Category 4) Acute toxicity, Oral (Category 3)
Skin irritation (Category 2) Eye irritation (Category 2A)
Germ cell mutagenicity (Category 2)
Acute aquatic toxicity (Category 3)
Chronic aquatic toxicity (Category 3)

Pictogram:



Signal Word: Danger

HAZARD STATEMENT(S):

H301 + H312 + H332: Toxic if swallowed, in contact with skin or inhaled
H319: Causes serious eye irritation. H315: Causes skin irritation H412: Harmful to aquatic life with long lasting effects.
H341: Suspected of causing genetic defects.

PRECAUTIONARY STATEMENT(S) :

P201: obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood. P264: wash skin thoroughly after handling
P261: Avoid breathing dust/spray/ fume/gas/ mist/ vapors. P270: Do not drink, eat, smoke, when using this product.
P271: Use only outdoors or in well-ventilated area. P273: Avoid release into the environment. P405: Store locked up.
P280: Wear protective gloves/eye & face protection P302+P352: If on skin gently wash with plenty of soap & water.
P301 + P312 +P330:If Swallowed: Call Poison Center or doctor/physician if you feel unwell rinse mouth
P304 + P340: If inhaled: remove to fresh air and keep at rest in a position comfortable for breathing.
P362: Take off contaminated clothing and wash before reuse. P330 : Rinse mouth.
P305 + P351 + P338: If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present &
easy to do so. Continue Rinsing . P308 +P313: If exposed or concerned: contact doctor/physician.
P322: Specific measures (see supplemental first aid instructions)
P332 + P313: If skin irritation occurs: consult physician P337 + P313: If eye irritation occurs: consult physician
P405: Store locked up P501: Dispose of contents/container to an approved waste disposal plant.

HMIS Classification: Health hazard 3, Flammability 0, Physical hazards 0

NFPA Rating: Health hazard 3, Fire 0, Reactivity hazard 0

Potential Health Effects: **Eye:** Risk of serious damage to eyes. **Skin:** Harmful in contact with skin.
Ingestion: Harmful if swallowed. **Inhalation:** Harmful by inhalation.

SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

Chemical Name	EC No.	CAS-No	Weight %
1,2,3-Trihydroxybenzene	201-762-9	87-66-1	<100

SECTION 4. ----- FIRST-AID MEASURES -----

Eyes: rinse immediately for 15 min. with plenty of water and seek medical advice.

Skin: Rinse with plenty of soap & water and seek medical advice.

Ingestion: Do not induce vomiting without medical advice. Rinse with water. Consult physician.

Inhalation: Move to fresh air. If not breathing give artificial respiration. Consult a physician.

Physician: Treat symptomatically & supportively.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

Info: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Hazardous combustion products: Carbon oxides.

SECTION 6. ----- ACCIDENTAL RELEASE MEASURES -----

Info: Use proper PPE as indicated in Section 8. Avoid contact with eyes and skin.

Spill: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment Section. Avoid generating dusty conditions. Provide ventilation.

SECTION 7. ----- HANDLING AND STORAGE -----

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in well-ventilated area. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Do not breathe dust, vapor, mist, or gas

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not expose to air. Absorbs oxygen from the air and will darken upon exposure. Store protected from light.

SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION -----

Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

CHEMICAL NAME	ACGIH	NIOSH	OSHA - FINAL / Vacated PELs
Pyrogallol	none listed	none listed	none listed

PPE: Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure. 0.11mm thick nitrile.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN149 must be followed whenever workplace conditions warrant a respirator use.

SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----

Appearance: White crystalline to beige powder

pH: 5.8 at 10 g/l

Vapor Pressure: 3-5 hPa at 140°C(284°F) 13hPa(10mmHg) at 167.7°C(333.9°F)

Density: 1.450 g/cm³ at 20°C (68°F) Bulk Density: 0.60 g/l

Boiling Point: 309°C (588°F)

Melting Pt 132-134°C (267.8-275°F)

Solubility: Soluble

SECTION 10. ----- STABILITY AND REACTIVITY -----

Stability: Stable under normal temperatures and pressures. May discolor and exposure to air. Light sensitive.

Hazardous Decomp Products: see section 5

Avoid: Incompatible materials, dust generation, excess heat, exposure to air.

Incompatibilities: Oxidizing agents, bases, acid chlorides, potassium permanganate, acid anhydrides, alkalies, iron salts, antipyrine, iodine, air, camphor, menthol, ammonium hydroxide.

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

RTECS#: UX2800000

LD50/LC50: Oral, mouse : LD50 = 300 mg/kg

Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Other: stomach irregularities

Epidemiology: rabbit – severe skin irritation – 24h Draize test / eyes rabbit moderate eye irritation – 24 h Draize test

SECTION 12. ----- ECOLOGICAL INFORMATION -----

Ecotoxicity: LC50 –Danio rerio – 41.8mg/l – 96 h Harmful to aquatic life.

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. U.S. EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate information.

SECTION 14. ----- TRANSPORT INFORMATION -----

Not regulated

SECTION 15. ----- REGULATORY INFORMATION -----

Sara 311/312: Acute health hazard, Chronic health hazard.

SARA Section 302 (RQ & TPQ) None of the chemicals in this material have an RQ or TPQ.

Section 313 No chemicals are reportable under Section 313.

State: CAS# 87-66-1 is not present on state lists from CA, MN, MA, FL.

PA Right to Know: 1,2,3-Trihydroxybenzene CAS#87-66-1

NJ Right to Know: 1,2,3-Trihydroxybenzene CAS#87-66-1

California Prop.65 components: None of the chemicals are known to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. ----- OTHER INFORMATION -----

Further information: no limited for paper copy, just for internal uses.

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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End of SDS