

CHAITANYA CHS, 2<sup>nd</sup> FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.  
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**MATERIAL SAFETY DATA SHEET (MSDS)****PYRONIN B (C.I. NO. 45010)****1. Product Identification**

**Synonyms:** C.I. 45010

**CAS No.:** 2150-48-3

**Product Coad:** P0172800025

**Molecular Weight:** 1042.28

**Chemical Formula:** C<sub>42</sub>H<sub>54</sub>Cl<sub>8</sub>Fe<sub>2</sub>N<sub>4</sub>O<sub>2</sub>

**2. Composition/Information on Ingredients**

Ingredient	CAS No	Percent	Hazardous
PYRONIN B	2150-48-3	40 - 60%	NO

**3. Hazards Identification****Emergency Overview**

**Appearance:** Dark green solid **CAUTION!** Stench. May cause eye and skin irritation. May cause respiratory and digestive tract irritation. The toxicological properties of this material have not been fully investigated.

**Target Organs:** None known.

**Potential Health Effects**

**Eyes:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** May cause irritation of the digestive tract. The toxicological properties of the substance have not been fully investigated.

**Inhalation:** May cause respiratory tract irritation. The toxicological properties of this material have not been fully investigated.

**Chronic:** No information found.

**4. First Aid Measures**

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

**Skin:** In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothes and shoes. Get medical attention if irritation develops or persists.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls water or milk to drink. Do **NOT** induce vomiting. **NEVER** give anything by mouth to an unconscious person. Get medical attention if irritation or symptoms appear.

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

**Notes to Physician:** Treat symptomatically and supportively.

**5. Fire Fighting Measures**

**General Information:** As in any fire, 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. Runoff from fire control or dilution water may cause pollution.

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**Extinguishing Media:** In case of fire use water spray to cool fire expose containers. Use water spray, dry chemical, Carbon dioxide, or appropriate foam.. Use agent most appropriate to extinguish fire.

**Flash Point:** Not applicable.

**Auto-ignition Temperature:** Not applicable.

**Explosion Limits, Lower/Upper:** Not available.

**NFPA Rating:** (estimated) Health: 1; Flammability: 0; Instability: 0.

**6. Accidental Release Measures**

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** 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.

**7. Handling and Storage**

KEEP CONTAINER CLOSED. HYGROSCOPIC. STORE IN A COOL DRY PLACE.

**8. Exposure Controls/Personal Protection**

Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation: MECHANICAL EXHAUST REQUIRED.

Protective Gloves: CHEMICAL RESISTANT

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Equipment: N/K

Work Hygenic Practices: N/K

Supplemental Safety & Health: N/K

**9. Physical and Chemical Properties**

**Physical State:** Solid

**Odor:** Stench

**Freezing/Melting Point:** 174.00 - 176.00 deg C

**pH:** Not available.

**Vapor Pressure (mm Hg):** Not available.

**Vapor Density (Air = 1):** Not available.

**Evaporation Rate:** Not available.

**Viscosity:** Not available.

**Boiling Point:** Not available.

**Decomposition Temperature:** Not available

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#### 10. Stability and Reactivity

**Chemical Stability:** Stable at room temperature in closed containers under normal storage and handling conditions.

**Conditions to Avoid:** Incompatible materials, dust generation, excess heat, strong oxidants.

**Incompatibilities with Other Materials:** Oxidizing agents.

**Hazardous Decomposition Products:** Hydrogen chloride, nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.

**Hazardous Polymerization:** Has not been reported.

#### 11. Toxicological Information

**RTECS:** CAS# 2150-48-3: BP6832000

**LD50/LC50:** CAS# 2150-48-3: Not available

**Carcinogenicity:** CAS# 2150-48-3 : Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Epidemiology:** No information found..

**Teratogenicity:** No information found.

**Reproductive Effects:** No information found.

**Neurotoxicity:** No information found.

**Mutagenicity:** Mutation in microorganisms:.

**Other Studies:** No data available.

#### 12. Ecological Information

**Environmental Fate:** No information found.

**Environmental Toxicity:** No information found.

#### 13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

#### 14. Transport Information

NON HAZARDOUS FOR AIR, ROAD AND SEA TRANSPORT

#### 15. REGULATORY US FEDERAL

**TSCA** CAS# 2150-48-3 is listed on the TSCA inventory.

**Health & Safety Reporting List** None of the chemicals are on the Health & Safety Reporting List.

**Chemical Test Rules** None of the chemicals in this product are under a Chemical Test Rule.

**Section 12b** None of the chemicals are listed under TSCA Section 12b.

**TSCA Significant New Use Rule** None of the chemicals in this material have a SNUR under TSCA.

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**MATERIAL SAFETY DATA SHEET (MSDS)****PYRONIN B (C.I. NO. 45010)****SARA**

**CERCLA Hazardous Substances and corresponding RQs** None of the chemicals in this material have an RQ.

**SARA Section 302 Extremely Hazardous Substances** None of the chemicals in this product have a TPQ.

**Section 313** No chemicals are reportable under Section 313.

**Clean Air Act** This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

**Clean Water Act** None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**OSHA** None of the chemicals in this product are considered highly hazardous by OSHA.

**STATE** CAS# 2150-48-3 can be found on the following state right to know lists: California, (listed as Iron salts (soluble), Pennsylvania, (listed as Iron salts (soluble), Minnesota, (listed as Iron salts (soluble).

California No Significant Risk Level: None of the chemicals in this product are listed.

**EUROPEAN/INTERNATIONAL REGULATIONS****European Labeling in Accordance with EC Directives**

**Hazardous Symbols:** XN

**Risk Phrases:** Not available

**Safety Phrases:**

S 24/25 Avoid contact with skin and eyes.

S 37 Wear suitable gloves.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S 28A After contact with skin, wash immediately with plenty of water.

**WGK (Water Danger/Protection)**

CAS# 2150-48-3: No information available.

**Canada - DSL/NDSL**

CAS# 2150-48-3 is listed on Canada's DSL List.

**Canada - WHMIS**

WHMIS: Not available

CAS# 2150-48-3 (listed as Iron salts (soluble) is listed on Canada's Ingredient Disclosure List.

**Exposure Limits**

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**MATERIAL SAFETY DATA SHEET (MSDS)****PYRONIN B (C.I. NO. 45010)****16. Other Information****Product Use:** LABORATORY REAGENT

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

**DISCLAIMER:**

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation 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.

**End of document**