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PARAROSANILINE HCL CERTIFIED

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION:

Synonyms: Basic Red 9, monohydrochloride; C.I.42500.

CAS No.: 569-61-9.

Molecular Weight: 323.83.

Chemical Formula: C₁₉H₁₇N₃*HCl.

2. COMPOSITION / INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
Pararosanine HCL Certified	569-61-9		No

3. HAZARDS IDENTIFICATION:

Emergency Overview

Appearance: Green crystalline powder. ! **WARNING!** Potential cancer hazard. May cause eye and skin irritation. May cause respiratory and digestive tract irritation. May cause cancer based on animal studies. Methemoglobin forming agent.

Target Organs: Not available.

Potential Health Effects

Eye: May cause eye irritation. The toxicological properties of this material have not been fully investigated.

Skin: May cause skin irritation. The toxicological properties of this material have not been fully investigated.

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

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

4. FIRST AID MEASURES:

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

Skin: Get medical aid immediately. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. **Never** give anything by mouth to an unconscious person. Get medical aid immediately. Do **Not** induce vomiting.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. IF breathing is difficult, give oxygen.

Notes to Physician: For methemoglobinemia, administer oxygen alone or with Methylene Blue depending on the methemoglobin concentration in the blood.

Antidote: Methylene blue , alone or in combination with oxygen is indicated as a treatment in nitrite induced methemoglobinemia.

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. Combustion generates toxic fumes. This material in sufficient quantity and reduced particles size is capable of creating a dust explosion.

Extinguishing Media: Use water spray to cool fire-exposed containers. Use water spray, dry chemical, carbon dioxide, or chemical foam.

Flash Point: Not available.

Auto-ignition Temperature: Not available.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: Health: 1; Flammability: 0; Reactivity: 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. Avoid generating dusty conditions. Provide ventilation.

7. HANDLING AND STORAGE:

Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Engineering Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

<u>Chemical Name</u>	<u>ACGIH</u>	<u>NIOSH</u>	<u>OSHA - Final PELs</u>
Pararosaniline HCL Cert.	None listed	None listed	None listed

OSHA Vacated PELs: Pararosaniline HCL: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

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.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Crystalline powder.

Appearance: Dark green.

Odor: Not available.

pH: 5.2 to 6.2

Vapor Pressure: Not available.

Vapor Density: Not available.
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: Decomposes
Freezing/Melting Point: 268 – 270 Deg. C
Decomposition Temperature: Not available.
Solubility: Not available.
Specific Gravity/Density: Not available.

10. STABILITY AND REACTIVITY:

Chemical Stability: Stable under normal temperature and pressures.
Conditions to Avoid: Incompatible materials, dust generation, excess heat, strong oxidants.
Incompatibilities with Other Materials: Oxidizing agents.
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide, irritating and toxic fumes and gases, nitrogen.
Hazardous Polymerization: Has not been reported.

11. TOXICOLOGICAL INFORMATION:

RTECS#: CAS# 569-61-9: CX9850100
LD50/LC50: CAS# 569-61-9: Oral, mouse: LD50=5 gm/kg;
Carcinogenicity: CAS# 569-61-9: Not listed by ACGIH, IARC, NTP, NIOSH, or OSHA.
Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Neurotoxicity: No data available.
Mutagenicity: No data available.
Other Studies: No data available.

12. ECOLOGICAL INFORMATION:

Environmental Fate: No information available.
Environmental Toxicity: No data available.

13. DISPOSAL CONSIDERATIONS:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US 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 classification.

RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. TRANSPORT REGULATIONS:

No information available.

15. REGULATORY INFORMATION:

US FEDERAL

TSCA CAS# 569-61-9 is not listed on the TSCA inventory. It is for research and development use only.

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.

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

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

SARA Codes CAS# 569-61-9: Not available.

Section 313 No chemical 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# 569-61-9 is not present on the following state right to know lists: **CA ,PA, MN, MA, FL, or NJ.**

California Prop 65 California No Significant Risk Level: None of the chemicals in this product are listed.

EUROPEAN/INTERNATIONAL REGULATIONS

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases: R 40 Limited evidence of a carcinogenic effect.

Safety Phrases:

S 36/37 Wear suitable protective clothing and gloves.

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

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

WGK (Water Danger/Protection) CAS# 569-61-9: No information available.

Canada - DSL.NDSL CAS# 569-61-9 is not listed on Canada's DSL List. or NDSL List.

Canada -WHMIS WHMIS: Not available.

Canadian Ingredient Disclosure List CAS# 569-61-9 is listed on the Canadian Ingredient Disclosure List.

16. DISCLAIMER INFORMATION:

DISCLAIMER:

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