

Safety Data Sheet

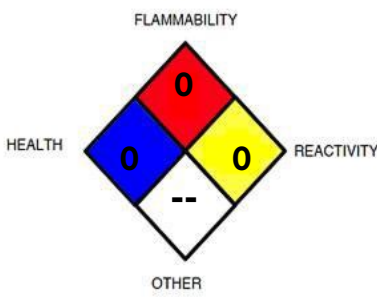
Section 1: Product & Company Identification

Product Name:	CPRG
Product #:	C-2381
Synonyms:	Chlorophenol red-b-D-galactopyranoside
Supplier:	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego, CA 92131 Tele# + 858-452-9925
Emergency Tele#:	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

Section 2: Composition / Information on Ingredients

Component	CAS#	EC #	% Composition
Chlorophenol red-b-D-galactopyranoside	99792-79-7	-	>90

Section 3: Hazards Identification

Symbols	N/A
HMIS Classification	<p style="text-align: center;">FLAMMABILITY</p>  <p style="text-align: center;">OTHER</p>

NFPA Classification	
----------------------------	---

Section 4: First Aid Measures

General Overview:	Treat symptomatically.
Inhalation:	Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician.
Skin:	Wash immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.
Eyes:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.
Ingestion:	Wash out mouth with water provided person is conscious. Call a physician. See section 11 for more detailed information on health effects & symptoms.

SECTION 5: Fire Fighting Measures

Flammability of the product:	No data available
Extinguishing Media:	Foam, dry extinguishing powder, carbon dioxide (CO ₂), water spray jet
Hazardous thermal (de)composition products:	Toxic fumes
Special Fire Fighting Procedures:	Wear a self-contained breathing apparatus and chemical protective clothing. Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.
Flash Point:	No data available

Section 6: Accidental Release Measures




Personal Precautions:	Wear breathing apparatus if exposed to vapors/dusts/aerosols. Provide adequate ventilation.
------------------------------	---


Environmental Precautions:	Do not allow to enter soil/subsoil. Do not allow to enter surface water or drains. Ensure all wastewater is collected and treated via a wastewater treatment plant.
Methods for Clean-up:	Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

SECTION 7: Handling & Storage

Storage:	Store desiccated at -20°C. Protect from moisture and light. Warm to room temperature before use. Keep away from incompatible substances. Keep container tightly closed when not in use.
Handling:	Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

SECTION 8: Exposure controls / Personal Protection

Respiratory Protection:	 <p>Wear NIOSH/MSHA or European Standard EN 149 approved respirator.</p>
Skin and Body:	  <p>Wear compatible chemical-resistant gloves to prevent skin exposure.</p> <p>Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.</p>

Eyes:	 <p>Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA.</p>
Ventilation/Engineering Measures:	Mechanical exhaust required. Safety shower and eye shower.
Hygiene:	Handle in accordance with good industrial hygiene and safety practice.
Other:	Wash contaminated clothing before reuse. Wear appropriate protective clothing to prevent exposure.

SECTION 9: Physical and Chemical Properties

Appearance & Odor:	Orange to deep-red crystals
Formula	$C_{25}H_{22}Cl_2O_{10}S$
Molecular Wt.	585.41
Melting Pt.	No data available
Boiling Pt.	No data available
Density:	No data available
Vapor Pressure:	No data available
Evaporation Rate:	No data available
Vapor Density:	No data available
Solubility:	DMSO, Ethanol
Flash Point:	No data available
Autoignition Temp:	No data available

SECTION 10: Stability and Reactivity

Stability:	Stable under recommended storage conditions.
Hazardous decomposition products:	Carbon dioxide (CO ₂), sulfur oxides, hydrogen chloride (HCl), carbon monoxide
Materials to Avoid:	Strong oxidizers
Conditions to avoid:	Incompatible materials, moisture

SECTION 11: Toxicological Information

RTECS#:	N/A
ACUTE Toxicity:	N/A
CHRONIC Toxicity:	N/A
Chronic Exposure: Carcinogen: Mutagen: Teratogen: Reproductive:	<p>IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.</p> <p>AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by ACGIH.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated human carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as known or potential human carcinogen by OSHA.</p> <p>EPA: No classification on carcinogenic data is available from EPA</p>

SECTION 12: Ecological Information

Ecotoxicity:	No data available
Mobility:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Other adverse effects:	No data available
Corrosivity Characteristic:	No data available
General Notes:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 13: Disposal Considerations

Residue Waste or Unused product:	Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and exhaust air. Dispose of waste according to laws applicable.
Contaminated Packaging:	Dispose of as unused product.

SECTION 14: Transportation Information

UN ID#:	N/A
----------------	-----



ADR / RID (LAND):	Not regulated
DOT regulations:	Not regulated
IMDG/IMO (SEA):	Not regulated
IATA/DGR (AIR):	Not regulated
Special Provisions:	N/A

SECTION 15: Regulatory Information

Health Phrases:	Not hazardous
Risk Phrases:	N/A
Safety Phrases:	N/A
EU Regulations:	N/A
US Regulations:	TSCA: Not listed California Proposition 65: No products were found.
U.S. Federal Regulations:	SARA 302/304 emergency planning and notification: No products were found. SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found. SARA 313 toxic chemicals notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean Air Act (CAA) 112 accidental release prevention: No products were found. Clean Air Act (CAA) 112 regulated flammable substances: No products were found. Clean Air Act (CAA) 112 regulated toxic substances: No products were found. OSHA: No products were found.
WHMIS (Canada):	N/A

SECTION 16: Other Information

LIABILITY STATEMENT: *The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. AG Scientific shall not be held liable for any damages resulting from handling or from contact with the above product. AG Scientific products are for research purposes only. Not for human use or consumption.*