

Chromogen PN 2118

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name: Chromogen

Product Form: Mixture

Product Code: PN 2118

Intended Use of the Product: For Laboratory Use

Manufacturer:

Eiger Diagnostics Inc.

2451 S. Buffalo Drive, Suite 112

Las Vegas, NV 89117 USA

Telephone: (725) 208-0223

Emergency: (725) 208-0223 – During Business Hours 9:00 am to 5:00 pm

SECTION 2: HAZARDS IDENTIFICATION

GHS-US Classification: Not classified

GHS Label Elements: No labeling applicable

Other Hazards: No additional information available.

Unknown Acute Toxicity: No Data Available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Hazardous Components:

Name	CAS No	% Composition
Contains no hazardous ingredients at levels requiring disclosure by the OSHA Hazard Communication Standard (29 CFR 1910.1200)	NA	100

SECTION 4: FIRST AID MEASURES

General: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

Inhalation: Remove to fresh air and keep at rest in a comfortable position for breathing.

Skin Contact: Remove affected clothing and wash all exposed skin with water for at least 15 minutes.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

Ingestion: Rinse mouth thoroughly. Do NOT induce vomiting without advice from poison control center or medical professional. Obtain medical attention if you feel unwell.

Most Important symptoms and effects, both acute and delayed: See section 11.

Indication of Any Immediate Medical Attention and Special Treatment Needed: No additional information available.

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SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Foam. Carbon dioxide. Dry powder. Water spray. Sand.

Special Hazards Arising from the Mixture

Fire Hazard: The product is not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: No dangerous reactions known under normal conditions of use.

Advice for Firefighters

Precautionary Measures: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.

Protection During Firefighting: Do not enter area without proper protective equipment, including respiratory protection. Wear self-contained breathing apparatus and protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

General Measures: Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Place in a suitable container for disposal in accordance with the waste regulations. Wash spill area thoroughly with plenty of soap and water.

Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

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SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Use appropriate personal protection equipment (PPE). Keep away from sources of ignition. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep container closed when not in use. Store in a dry, cool and well-ventilated place. Keep/Store away from light and avoid high temperatures.

Specific End Use(s): No additional information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: No data available

Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment: Gloves. Protective goggles.



Hand Protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing. Wear long sleeves.

Respiratory Protection: Where excessive vapor, mist or dust may result, use NIOSH approved respiratory protection equipment.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Clear, colorless to pale yellow, liquid
Odor:	No data available
Odor Threshold:	No data available
pH:	3.3 - 3.8
Evaporation Rate:	No data available
Melting/Freezing Point:	No data available

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Boiling Point:	No data available
Flash Point:	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Flammability (solid, gas):	Not flammable
Vapor Pressure:	No data available
Relative Vapor Density at 20 °C:	No data available
Relative Density:	1.01
Solubility:	Complete in water
Explosive properties:	Product is not explosive
Oxidizing properties:	Not an oxidizer
Other Information:	No additional information available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No dangerous reactions known under normal conditions of use.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7)

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Light. Elevated temperatures. Moisture.

Incompatible Materials: Strong oxidizing agents. Metals.

Hazardous Decomposition Products: Thermal decomposition generates: Carbon oxides (CO, CO₂). Nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity: Not classified

Skin Corrosion/Irritation: Not classified (pH: 3.3 - 3.8)

Serious Eye Damage/Irritation: Not classified (pH: 3.3 - 3.8)

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause slight temporary eye irritation.

Symptoms/Injuries After Ingestion: May cause gastrointestinal irritation.

SECTION 12: ECOLOGICAL INFORMATION

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Toxicity

Ecology-General: No information available.

Persistence and Degradability: No information available.

Bioaccumulative Potential: No information available.

Mobility in Soil: No information available.

Other Adverse Effects: No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

Waste Disposal Recommendations: Dispose in a safe manner in accordance with local, regional, national, and international regulations.

Ecology-Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT: Not regulated for transport

In Accordance with IMDG: Not regulated for transport

In Accordance with IATA: Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

All chemical substances in this product are listed in the EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) inventory. All the constituents of this preparation are registered in the EINECS inventory or in the ELINCS list.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date: 11/17/16

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.