

MATERIAL SAFETY DATA SHEET

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Date prepared: 06/04/2001
MSDS Number: ECP**Product and Company Identification**Product Name: Peroxidase enzyme conjugate
Catalog Number: all ECP numbersCompany: Agdia, Inc
Address: 30380 County Rd 6
Elkhart, IN 46514
USA
Phone: 1-800-622-4342 or
1-219-264-2014**Material / Ingredient Identification**

Chemical Name:	CAS Number	Exposure Limits
Glycerol	56-81-5	10 mg/m ³

Physical Chemical CharacteristicsBoiling Point: 182°C / 20 mm
Vapor Pressure: < 1 mm @ 20°C
Vapor Density: 3.1
Solubility in Water: NA
Appearance and odor: Viscous, colorless liquid.
Specific Gravity: 1.261
Melting Point: 20°C
Evaporation Rate: NA
Water Reactive: No**Fire and Explosion Hazard Data**Flash Point: 320°F
Flammability Limits: N/A
Extinguisher Media: Water spray. Carbon dioxide, dry chemical powder or foam.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.
Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.**Reactivity Hazard Data**Chemical Stability: Stable X Unstable ____
Conditions To Avoid: N/A
Incompatibility (Materials to avoid): Strong oxidizing agents, strong bases.
Hazardous Decomposition Products: carbon monoxide, carbon dioxide
Hazardous Polymerization: May Occur ____ Will Not Occur X
Conditions to Avoid: NA**MATERIAL SAFETY DATA SHEET**

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Health Hazard DataRoutes of Entry: Inhalation X Ingestion X Skin Absorption X
Carcinogenicity: NTP ____ IARC Monograph ____ OSHA ____ Not Listed X
Health Hazards:Acute Eye irritant.
Chronic No data.Signs and Symptoms of Exposure: Headache, nausea or vomiting.
Medical Conditions Generally Aggravated by Exposure: No data.**First Aid Procedures**Eye Contact: Flush eyes with water for at least 15 minutes.
Skin Contact: Flush skin with water. Remove contaminated clothing and wash before reuse.
Inhalation: Get to fresh air. Get medical attention.
Ingestion: If person is conscious, wash mouth out with water. Get medical attention.

Seek medical assistance for further treatment, observation and support if necessary.

Control and Protective MeasuresRespiratory Protection: Follow OSHA respirator protection standards found in 29CFR1910.134.
Protective Gloves: Chemical resistant gloves.
Eye Protection: Chemical safety goggles.
Ventilation: Mechanical exhaust.
Other Protective Clothing and Equipment: Wear lab coat or apron.
Hygienic Work Practices: Use good laboratory practices. Wash hands after using**Precautions for Safe Handling and Use**

Steps to be Taken If Material Is Spilled Or Released: Wear protective clothing. Absorb on vermiculite or sand then hold in closed container for disposal. After clean up is complete, wash spill area.

Waste Disposal Methods: Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Precautions to take in Handling and Storage: Do not get in eyes, on skin, or on clothing. Do not breathe vapor.

Other Precautions and/or Special Hazards: Possible carcinogen. Direct contact between glycerol and the following chemicals has resulted in explosive or violent reactions: sodium hydride, phosphorous trioxide, perchloric acid, nitric acid, sulfuric acid, sodium peroxide, hydrogen peroxide, or potassium permanganate.

The above information is believed to be correct but is not all inclusive and should be used only as a guide.