

MSDS

Product and Company Identification

Product Name: Poly(A) Polymerase, Yeast
Cat #: PAPY-30, PAPY-40, PAPY-50, PAPY-OEM
Product Use: For Research Use Only. Not for use in diagnostic procedures
Company: Molecular Cloning Laboratories (MCLAB)
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Hazardous Ingredients

- 50% Glycerol
- No other known hazards are associated with this product. All information contained herein refers to hazards associated with 50% glycerol

Health Hazard Data

- Irritating to eyes and skin
- Target organ(s): kidneys
- In case of contact with eyes, rinse immediately with plenty of water and Seek medical advice
- Wear suitable protective clothing

First Aid Measures

- In case of contact, immediately flush eyes or skin with copious amounts Of water for at least 15 minutes while removing contaminated clothing And shoes
- If swallowed, wash out mouth with water
- Provided person is conscious, call a physician
- If inhaled, move person to fresh air
- If not breathing, give artificial respiration
- If breathing is difficult, give oxygen

Fire Fighting Measures

Extinguishing media

- Water spray
- Carbon dioxide, dry chemical powder or appropriate foam
- Wear self-contained breathing apparatus and protective clothing to Prevent contact with skin and eyes emits toxic fumes under fire conditions

Accidental Release Measures

- Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves
- Absorb on sand or vermiculite and place in closed containers for disposal
- Ventilate area and wash spill site after material pickup is complete

Exposure Controls/Personal Protection

- Wear appropriate niosh/msha-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing
- Mechanical exhaust required
- Safety shower and eye bath required
- Do not breathe vapor
- Avoid contact with eyes, skin and clothing
- Avoid prolonged or repeated exposure
- Wash thoroughly after handling
- Wash contaminated clothing before reuse
- Keep tightly closed
- Store in a cool dry place.

Physical and Chemical Properties

Physical properties

Solubility: water soluble

Specific gravity: 1.13 G/ml

Ph: 5.5 – 8

Appearance: colorless liquid

Stability and Reactivity

Conditions to avoid

- Protect from moisture

Incompatibilities

- Protect from moisture
- Strong oxidizing agents
- Strong bases

Hazardous combustion or decomposition products

- Carbon monoxide, carbon dioxide

Hazardous polymerization

- Will not occur

Toxicological Information

Acute effects

- Material may be irritating to mucous membranes and upper respiratory tract
- May be harmful by inhalation, ingestion, or skin absorption
- Causes eye and skin irritation
- Prolonged exposure can cause nausea, headache, and vomiting
- To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

chronic effects

- Target organ(s): kidneys

Other Information

FOR RESEARCH USE ONLY. The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.