



least 15 minutes) and consult a physician. Skin Contact: Immediately flush with water with sufficient volume until there is no evidence of the chemical on the affected area. Ingestion: Consult a physician.

5. FIRE FIGHTING MEASURES:

Suitable extinguishing Media:	Water Spray, Carbon Dioxide, dry chemicals.
Unsuitable extinguishing Media:	No data available.
Special exposure hazards:	No generation of hazardous or toxic gases in dangerous quantities.
Instructions:	Due to small quantities, no special instructions apply.
Special protective equipment for Firefighters:	Due to small quantities, no special instructions apply.

6. ACCIDENTAL RELEASE MEASURES:

Land Spill: Contain spill. Use personal protective equipment to prevent contact with eyes, skin and clothing. Avoid routing to water bodies or streams. Pick up and place in containers for recovery and disposal.
Water Spill: Contain spill. Prevent eye contact. Prevent flow to water supplies. Isolate and take up for disposal.

7. HANDLING AND STORAGE

Handling: Observe normal hygiene standards. Discharge waste according to local regulations. Remove and clean contaminated clothing. Handle open container with care.
Storage: Follow storage conditions on label. Keep container tightly closed. Keep away from heat sources, **LIGHT**, combustible materials, acids and metals. Storage temperature: Consult component label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:	Safety glasses or face shield.
Hand Protection:	Protective gloves.
Skin Protection:	Protective clothing.

Eyewash and safety shower readily available in the immediate area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Taq Polymerase
Clear Liquid

10. STABILITY AND REACTIVITY

General: Stable when stored at specified conditions (see label) until expiry date noted on vial.
Reactivity/Hazardous Decomposition products:
Taq polymerase pertains to glycerol can emit acrolein, carbon monoxide and carbon dioxide under fire conditions.

11. TOXICOLOGICAL INFORMATION:

See section "2. Composition/Information on Ingredients" to identify kit components that contain the substances mentioned in this section.



Acute Toxicity:

Glycerol: LD50 for 100% glycerol = 4090 mg/kg (oral-mouse). LD50(ipr-mouse) = 8700 mg/kg. Not identified as an OSHA, NTP or IARC carcinogen. No data available indicating any carcinogenic activity.

Chronic toxicity: Carcinogenicity (TLV) :A4

Routes of exposure:

Ingestion, inhalation, eyes and skin

Caution! Most components contain (a) substance(s) that are absorbed through the skin.

Acute effects/Symptoms:

Probe Mix contains tetramethylammonium chloride which may cause dizziness, nausea and shortness of breath (nicotine-like symptoms) upon ingestion. All other components may be Harmful if swallowed.

Chronic Effects: See also chronic toxicity.

12. ECOLOGICAL INFORMATION

Aquatic toxicity:

Glycerol: When released into soil and water this material is readily biodegradable. This material is not expected to be toxic to aquatic life.

13. WASTE DISPOSAL CONSIDERATIONS

Provision relating to waste: Hazardous waste (91/689/EC)

Packaging/container: Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O/J. L47 of 16/2/2001: 15 01 10 packaging containing residues of contaminated substances)

Disposal methods:

Incinerate and/or dispose of according to all federal, state and local regulations, do not discharge directly into surface waters.

14. TRANSPORT INFORMATION

No restrictions.

15. REGULATORY INFORMATION

Taq polymerase contains glycerol, which is classified as Harmful.

S23 Do not breath vapor

S24/25 Avoid contact with skin and eyes

16. OTHER INFORMATION

Glycerol: RETCS Number: MA8050000



This information is believed to be accurate and represents the best information currently available to Gen-Probe Transplant Diagnostics, Inc..

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