



# SAFETY DATA SHEET

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## 1. IDENTIFICATION

This Safety Data Sheet is for the following products:

### MANUFACTURER:

**Immucor GTI Diagnostics, Inc.**

20925 Crossroads Circle

Waukesha, WI 53186 USA

**Manufacturer's Phone:** 855-IMMUCOR  
(855-466-8267)

### AUTHORIZED REPRESENTATIVE

Immucor Medizinische Diagnostik GmbH

Robert-Bosch-Strasse 32

63303 Dreieich

Germany

After normal business hours, weekends, and holidays:

Call your local emergency center.

Catalog #	PRODUCT NAME	Product Components
628075	LIFECODES Taq Polymerase IVD	LIFECODES Taq Polymerase, 25 µl, 5U/µl
628076	LIFECODES Taq Polymerase GPR	LIFECODES Taq Polymerase, 25 µl, 5U/µl
167075	Taq Polymerase	Taq Polymerase, 50 µl, 5U/µl

**SPECIFIC USE:** For Laboratory testing. Please see the Product Inserts/Product Information sheets: LC1436IVDEN, LC1376EN, LC1391, for more details

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

The product is not classified as hazardous as per GHS.

### 2.2 Label elements:

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

May cause Kidney damage (Nephrotoxin). This mixture has not been tested to determine the overall health hazard; therefore in accordance with 29CFR1910.1200, the data reported above pertains to the hazardous ingredients of this mixture.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
<b>Taq Polymerase</b>		
Glycerol	56-81-5	Appox. 50%

## 4. FIRST AID MEASURES

**General information:** No special measures required.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

**Most important symptoms and effects, both acute and delayed** None

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available

## 5. FIRE-FIGHTING MEASURES



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Flash Point: >100°C  
 Autoignition Temperature: N/A  
 Fire and Explosion Hazards: N/A  
 Extinguishing media: CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
 Special hazards arising from the substance or mixture: None known  
 Advice for firefighters: No special advice  
 Protective equipment: No special measures required.

## 6. ACCIDENTAL RELEASE MEASURES

**Action to Be Taken If Material Is Released or Spilled:** Do not touch spilled material. Stop the release if you can do it without risk. Isolate the area and deny entry.

**Environmental precautions:** Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Absorb the spill and place used absorbent material into approved containers for later disposal. Prevent eye contact. Use personal protective equipment to prevent contact with eyes, skin, and clothing. Wipe the area until clean and dry. Discharge of absorbed material according to local regulations, Wash clothing and equipment after handling

**Reference to other sections:** No dangerous substances are released. See Section 7 for information on safe handling. See Section 13 for disposal information

## 7. HANDLING AND STORAGE

**Handling:** Food and drink should not be consumed, nor tobacco products used, nor cosmetics applied in areas where chemicals are stored or handled. Observe normal hygiene standards. Discharge according to local regulations. Remove and clean contaminated clothing. Handle and open the container with care.

**Storage:** Store in tightly closed containers. Keep container tightly closed. Meet the legal requirements. Keep away from: heat sources, LIGHT, combustible materials, acids, and metals. Storage temperature: see component label Avoid contact with open wounds and body fluids. Observe federal, state and local regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below permissible air concentrations.

**Eye/Face Protection:** Use chemical safety goggles and/or full face shield where splashing of the solution is possible. Maintain eyewash fountain and quick drench facilities in the work area.

**Skin Protection:** Clothing such as gowns, aprons, or lab coats should be worn when working with this material. Protective gloves should be worn while handling materials and/or surfaces.

### Tag Polymerase

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>OSHA PEL-TWA</u>	<u>ACGIH-TWA TLV</u>	<u>ACGIH-STEL/CEIL (C)</u>
50% Glycerol	56-81-5	50%	N/A	N/A	15 mg/m <sup>3</sup> TWA total dust 5 mg/m <sup>3</sup> TWA respirable fraction

### **56-81-5 glycerol**

PEL Long-term value: 15\* 5\*\* mg/m<sup>3</sup>

mist; \*total dust \*\*respirable fraction

TLV TLV withdrawn-insufficient data human occup. exp.

**Additional information:** The lists that were valid during the creation were used as basis.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, color, etc.):</b>	Colorless Liquid	<b>Odor.</b>	No data available
<b>Odor threshold:</b>	No data available	<b>pH:</b>	8
<b>Melting point/freezing point:</b>	No data available	<b>Initial boiling point and boiling range:</b>	No data available
<b>Flash point:</b>	>100°C	<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available	<b>Vapor density:</b>	No data available
<b>vapor pressure:</b>	0.1 hPa	<b>Solubility(ies):</b>	Difficult to mix.



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Relative density:	No data available	Partition coefficient: n-octanol/water:	No data available
Partition coefficient: n-octanol/water:	No data available	Upper/lower flammability or explosive limits:	Lower: 0.9 Vol%
Decomposition temperature:	No data available		

## 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	None
Incompatibility:	None
Hazardous Decomposition Products:	Glycerol can emit acrolein, carbon monoxide, and carbon dioxide under fire
Hazardous Polymerization:	Will not occur.
Possibility of Hazardous Reaction:	Not determined.

## 11. TOXICOLOGICAL INFORMATION

**Acute Effects:** Harmful if swallowed. The substance irritates the eyes, the skin and the respiratory tract. Exposure above Occupational Exposure Limits could cause effects on the kidneys.

**Chronic Effects:** No information found.

**Listed Carcinogens:** Not classified

## 12. ECOLOGICAL INFORMATION

### Aquatic toxicity

When released into soil and water material is biodegradeable. Not expected to be toxic to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable federal, state, and local government regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Do not discharge directly into surface waters.

## 14. TRANSPORT INFORMATION

UN ID Number:	N/A	Transport Hazard Class:	N/A
DOT Proper Shipping Name:	N/A	Packaging Group:	N/A

## 15. REGULATORY INFORMATION

TSCA	All components of this product are listed on the TSCA inventory.	SARA Title III: Section 302:	None
CERCLA Reportable Quantity:	None	Section 312:	None
Clean Air Amendments-Hazardous Air Pollutant (HAPS):	None	Section 313:	None
California State Proposition 65:	None.		

**CANADA:** These products have been classified in accordance with the hazard criteria of the Controlled Products Regulations and this SDS contains all information required by the Controlled Products Regulations.

## 16. OTHER INFORMATION

**DISCLAIMER:** The information contained herein is based on data considered accurate and is offered at no charge. No warranty is expressed or implied regarding the accuracy of this data. Liability is expressly disclaimed for loss or injury arising out of use of this information or the use of any materials designated.

Based on Regulation 1907/2006 (REACH)

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