



Material Safety Data Sheet  
Part # 900449  
MSDS #: 701575

**Identification of Product:**

Part # 900449 **Affymetrix GeneChip® Expression 3'-Amplification Reagents, for IVT Labeling**

**Contact Information:**

Distributor: Affymetrix, Inc. 3380 Central Expressway, Santa Clara, CA 95051 Tel: +1 408 731 5000  
Manufacturer: Ambion, Inc. 2130 Woodward St., Austin, TX 78744 Tel: +800 888 8804  
Emergency contact: CHEMTREC: 800 424 9300 in USA

**Composition / Information**

The components of this kit consist of either aqueous solutions containing buffers or enzymes containing glycerol, none of which are thought to present a health hazard. As yet, the chemical, physical and toxicological properties have not been thoroughly investigated. Prudent laboratory practices should be followed when using this material and general laboratory personal protective equipment should be worn.

This MSDS is written to apply to the glycerol contained in the enzymes included in the kit. None of the components are at a concentration that would render the reagents hazardous under the US Hazard Communication Standard, 20 CFR 1910.1200.

**Hazards Identification**

Physical State: Viscous colorless liquid

Effects and Symptoms:

Inhalation: May cause irritation

Skin Contact: May cause irritation

Eye Contact: May cause irritation

Chronic Exposure: None known. Not thoroughly investigated

Aggravating Conditions: None known

Carcinogenicity: Not listed by NTP, IARC or regulated by OSHA as carcinogens.

**First Aid Measures**

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult physician.

Eye or Skin Contact: Flush eyes or wash contaminated area with water for 15 minutes. Seek medical consultation if irritation persists.

Ingestion: Rinse out mouth immediately. Do not induce vomiting. Consult physician.

**Fire Fighting Measures**

Extinguishing media: Water, Carbon dioxide, dry chemical or appropriate foam

Special Fire procedure: Wear appropriate fire protection gear for surrounding fire.

Unusual fire / exp. hazards: Contact with strong oxidizers may cause fire or explosion

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## Accidental release measures

If released or spilled: Absorb on inert material, collect for appropriate disposal. Do not flush to sewer.  
Absorbent material: No restrictions

## Handling and Storage

Handling: Special handling procedures are not needed  
Storage: Store products at -20C, non-frost-free freezer  
There are no restrictions concerning storage with other products.

## Exposure Controls / Personal Protection

Protective equipment: Use general laboratory protective equipment, lab safe gloves, general eye protection safety glasses or goggles  
Hygiene: General lab practices. Keep away from food and beverages.  
Ventilation: Local exhaust  
Precautionary Labeling: None required

## Physical and Chemical Properties

Appearance and Odor: Viscous colorless liquid  
Boiling Point: N/A  
Flash Point: N/A  
Specific Gravity: N/A  
Vapor Density: N/A  
pH: N/A  
Solubility in Water: Soluble

## Stability and Reactivity

Stability: Stable  
Incompatibility: Strong oxidizing agents  
Hazardous Decomp.: Burning may produce carbon monoxide and carbon dioxide  
Hazardous Polymerization: Not expected to occur

## Toxicological Information

As yet, the chemical, physical and toxicological properties have not been thoroughly investigated

## Disposal Considerations

Observe all Federal, State and local regulations.

## Transport Information

This product is not subject to current regulations for transportation of hazardous goods (US DOT)  
UN No.: N/A

## Regulatory

TSCA: May be used for research and development purposes in accordance with 40 CFR 720.36  
SARA: N/A  
CERCLA:  
Section 302: N/A



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Section 304: N/A  
Section 313: N/A  
California Prop 65: Not listed

**Other Information**

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For each kit, a MSDS sheet will be sent only on the first shipment, unless a substantial revision occurs. Additional copies are available from the Affymetrix, Inc. website at [www.affymetrix.com](http://www.affymetrix.com). While the information provided in the MSDS is believed to be correct, this information is provided by Affymetrix without any warranty, express or implied, regarding its corrective uses. To the best of our knowledge the information provided is correct. However, the information should only be used as a guide and the final determination is the sole responsibility of the user as all materials may contain unknown hazards and should be used with caution. Affymetrix, Inc. shall not be held liable for any damages or losses resulting from use of the product(s).