



Material Safety Data Sheet  
MSDS #: 701476

**Identification of Product:**

**GeneChip® DNA Labeling Reagent**

**Contact Information:**

Manufacturer: Affymetrix, Inc. 3380 Central Expressway, Santa Clara, CA 95051 Tel: +1 408 731 5000  
Emergency contact: CHEMTREC: 800 424 9300 in USA

**Composition / Information**

This kit contains proprietary ingredients in TE Buffer. 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 buffer. None of the components are at a concentration that would render the reagent hazardous under the US Hazard Communication Standard, 20 CFR 1910.1200.

This Product Contains:

Proprietary ingredient  
1M Tris, pH 8.0 (PCR Grade): (Tris, HCl)  
0.1 mM EDTA, pH 8.0 (PCR Grade): (EDTA, Sodium Hydroxide)

**Hazards Identification**

Physical State: Clear, 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: N/A

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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

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**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.

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**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

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**Physical and Chemical Properties**

Appearance and Odor: Clear, colorless liquid. No odor  
Boiling Point: N/A  
Flash Point: N/A  
Specific Gravity: N/A  
Vapor Density: N/A  
pH: N/A  
Solubility in Water: Soluble

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**Stability and Reactivity**

Stability: Stable  
Incompatibility: Strong bases, oxidizing agents, peroxides, alkali metals, ammonia, copper and brass aluminum  
Hazardous Decomp.: Burning may produce carbon monoxide, carbon dioxide and nitrogen oxides  
Hazardous Polymerization: Not expected to occur

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**Toxicological Information**

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

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**Ecological Information**

No data available

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**Disposal Considerations**

Observe all Federal, State and local regulations.

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**Transport Information**

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



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**Regulatory**

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