

Safety Data Sheet



Revision Date: 7/31/2014

SDS #: SDS-10262-01

Detector PCR DNA Biotinylation Kit

1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:

Detector PCR DNA Biotinylation Kit

Product Code

60-01-01

Kit Components:

CONTROL TEMPLATE DNA	600-0004
PCR LABELING MIX	600-0011
BIOTINYLATED QUANTIT. STD	600-0007
Control Primers	600-0009
DEPC Treated Water	50-86-03

Recommended Use Kit (See Attached Safety Data Sheets For Components Listed Above)

Contact Manufacturer KPL, Inc.
910 Clopper Road
Gaithersburg, Maryland 20878
USA

Phone #: 1-301-948-7755
Fax #: 1-301-948-0169
Web: www.kpl.com
Email: kplmsds@seracare.com

Emergency Telephone Numbers:

AUSTRALIA – POISONS INFORMATION CENTER	Telephone: 13 11 26	Hours: 24 hours
CANADIAN TRANSPORT EMERGENCY CENTER	Telephone: (1) 613 996 6666	Hours: 24 hours/day, 7 days/week
UK – THE NATIONAL FOCUS	Telephone: (44) 029 2041 6388	Hours: 09:00-17:00 GMT
USA- NATIONAL RESPONSE CENTER	Telephone: (1) 800 424 8802	Hours: 24 hours/day, 7 days/week

CHEMTREC:

CHEMTREC Customer Number:- CCN12505*
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 CCN12505 or
+1 703-527-3887 (collect calls accepted)

MATERIAL SAFETY DATA SHEET



Issue Date: 20 March, 2006
Revision Date: March 12, 2003

1. **IDENTIFICATION**
DEPC Treated Water
- CATALOG NO.**
50-86-03 (Formerly 600-0006)
2. **COMPOSITION AND INGREDIENTS INFORMATION**

<u>Reagent</u>	<u>Weight %</u>	<u>CAS #</u>
DiEthyl PyroCarbonate	0.1	1609-47-8
3. **HAZARDS IDENTIFICATION**
Suspected Carcinogen. Toxic. Toxic by inhalation, skin contact, and ingestion.
4. **FIRST-AID PROCEDURES**

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if necessary.
Eye Contact: Flush eyes with copious amounts of water.
Skin Contact: Flush the skin with copious amounts of water and soap. If irritation persists, seek medical attention.
Ingestion: If conscious, rinse mouth with water. Seek medical attention.
5. **FIRE FIGHTING PROCEDURES**

Extinguishing Media: Water spray, Carbon Dioxide, Dry Chemical powder or appropriate foam.
Unusual Fire and Explosion Hazards: Wear self-contained breathing apparatus, gloves and appropriate clothing to prevent contact.
6. **ACCIDENTAL RELEASE MEASURES**
Wear self-contained breathing apparatus, gloves and appropriate clothing to prevent contact. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area after pick-up is complete.
7. **EXPOSURE CONTROL (PERSONAL PROTECTIVE EQUIPMENT)**

Inhalation: NIOSH/MSHA - approved respirator
Eye Contact: Safety goggles. Eye wash station.
Skin Contact: Chemical resistant gloves and appropriate clothing. Chemical shower.
8. **HANDLING AND STORAGE**
Keep tightly closed. Keep away from heat and open flame. Moisture sensitive. May develop pressure.
Store 4°C
9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Colorless liquid
Solubility in Water: Soluble
Flash Point: ≥69°C
10. **STABILITY AND REACTIVITY INFORMATION**
Incompatibility Materials to Avoid: Strong oxidizing agents, strong acids, strong bases, strong reducing agents, ammonia.
11. **TOXICOLOGICAL INFORMATION**

Hazardous Decomposition Products: May decompose on exposure to moist air or water. Toxic fumes of: Carbon Monoxide and Carbon Dioxide. DEPC may react with ammonia to form Urethane. Urethane may be a carcinogen as suggested by animal studies.
Target Organs: Lungs, thorax (respiration), see RTECS for complete toxicological information.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL GUIDELINES

Observe all Federal, State, and Local laws concerning health and pollution.

14. TRANSPORT INFORMATION

Contact your shipper for transportation information.

15. REGULATORY INFORMATION AND CONSIDERATIONS

This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 g 2.C1

16. OTHER

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. KPL shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes.