

PHENIX

RESEARCH PRODUCTS

www.PhenixResearch.com

Material Safety Data Sheet (DNAL-1KB)

Distributor's Name: Phenix Research Products
73 Ridgeway Road
Emergency Telephone: 800.767.0665
Date Prepared: 11-15-07 Reviewed: 11-15-07

CHEMICAL IDENTIFICATION

Part Number #: DNAL-1KB
Name: DNA Ladder, 300bp-10000bp

COMPOSITION/INFORMATION ON INGREDIENTS

<i>CHEMICAL NAME</i>	<i>CAS #:</i>	<i>RTECS #:</i>	<i>%:</i>
GLYCEROL	56-81-5	MA8050000	5.0-15.0
BROMOPHENOL BLUE	115-39-9	SJ453000	<1.0
UREA	57-13-6	YR6250000	<1.0
TOTAL DNA	N/A	NOT LISTED	70-85

HAZARDS IDENTIFICATION

- Irritant: irritating to eyes, respiratory system and skin.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Take off all contaminated clothing immediately.

FIRST-AID MEASURES

- In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
- In case of contact, immediately wash skin with soap and copious amounts of water.
- If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
- If swallowed, wash out mouth with water provided person is conscious, Call a physician.
- Wash contaminated clothing before reuse.

FIRE FIGHTING MEASURES

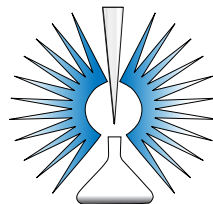
- Extinguishing media with water spray.
- Carbon dioxide, dry chemical powder or appropriate foam.

Special firefighting procedures

- Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
- Unusual fire and explosions hazards, emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES

- Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
- Absorb with an inert material and place in closed containers for disposal.
- Ventilate area and wash spill site after material pickup is complete.



HANDLING & STORAGE/EXPOSURE CONTROLS/

PERSONAL PROTECTION

- Chemical safety goggles.
- Compatible chemical-resistant gloves.
- Niosh/msha-approved respirator.
- Safety shower and eye bath.
- Mechanical exhaust required.
- Do not breathe vapor.
- Avoid contact with eyes, skin and clothing.
- Wash thoroughly after handling.
- Keep tightly closed.
- Store in a cool dry place.

Ingredients with Limit Values

CAS NUMBER	CHEMICAL NAME	OEL
56-81-5	Glycerol	10 mg/m ³

PHYSICAL PROPERTIES

- Appearance: Liquid, blue, odorless.

CHEMICAL PROPERTIES

- Appearance and odor liquid.

Stability & reactivity

- Incompatibilities
 - Strong oxidizing agents
- Hazardous combustion or decomposition products
- Toxic fumes of:
 - Carbon monoxide, carbon dioxide, nitrogen oxides

TOXICOLOGICAL INFORMATION

- May be harmful by inhalation, ingestion, or skin absorption.
- Material is irritating to the eyes, mucous membranes and upper respiratory tract.
- Causes skin irritation.
- To the best of our knowledge, the chemical, physical, and toxicological properties have not been Thoroughly investigated.

ECOLOGICAL INFORMATION

- Data not yet available.

DISPOSAL CONSIDERATIONS

- Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
- Observe all federal, state and local environmental regulations.

TRANSPORT INFORMATION

- Not regulated.

REGULATORY INFORMATION

- Caution: substance not yet fully tested.
- Irritant
R 36/37/38
- Irritating to eyes, respiratory system and skin.
S: 36/37/39
- Wear suitable protective clothing, gloves and eye/face protection.

OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Phenix Research Products shall not be held liable for any damage resulting from handling or from contact with the above product.