



Material Safety Data Sheet (MSDS)

Creation Date: July 17, 2013

Revision Date: August 6, 2013

Revision Number: 2

1. Product Information:

Product Name: Plasmid DNA in phage resistant DH5- α bacterial cells

Synonyms: none

Recommended Use: For non-commercial research purposes only

Company: DNASU Plasmid Repository
Arizona State University
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Tempe, AZ 85287
Tel: (480) 965-2857
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2. Component Data

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

Component: Deoxyribonucleic Acid (DNA)

Component: Phage resistant DH5- α E.coli bacterial cells

Component: Glycerol

Component: Luria Broth (LB)

Appearance: Cloudy and slightly yellow

Physical State: Liquid

Volume: 200 μ l

3. Hazards Identification:

Information pertaining to particular dangers for man and environment not applicable

Low hazard for usual industrial or commercial handling. Handle in accordance with good industrial hygiene and safety practice. The phage resistant DH5- α E. coli bacterial cells can be handled at BSL-1.

NFPA ratings (scale 0-4)

Health = 0

Fire = 0

Reactivity = 0

Biological Safety Level (BSL): 1

The BSL-1 rating means that this material is not known to consistently cause disease in healthy adults humans.

Principle Routes of Exposure/ Potential Health effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.

Specific Effects

Carcinogenic effects	no data available
Mutagenic effects	no data available
Reproductive toxicity	no data available
Sensitization	no data available

3. First Aid Measures

Eye or Skin Contact: Rinse with water and obtain medical attention if symptoms occur, such as skin irritation or reddening.

4. Handling and Storage

Handling Wear personal protective equipment including gloves and lab coat. Avoid contact with skin, eyes and clothing.

Storage Long term, store at -80°C in a closed tube.

5. Spill or Leak Procedures/Accidental Release measures

If spilled While wearing appropriate protective clothing and equipment (e.g., protective gloves, safety glasses), spray area with a 10% bleach solution (1 part bleach to 9 parts water). Allow to sit for 10 minutes. Soak with inert absorbent material and dispose of material in biological waste container or in accordance with federal, local, and state, regulations

6. Transport Information

IATA

Proper shipping name	Not classified as dangerous in the meaning of transport regulations
Hazard class	none
Subsidiary Class	none
Packing group	none
UN-No	none

7. Additional Information

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since DNASU cannot control the actual methods, volumes, or conditions of use, we shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE.

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End of Safety Data Sheet