

Reviewed on 3/16/2005

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## 1. Product and Company Identification

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Product Name: Plasmid

Product Number:

Manufacturer: Seegene, Inc.

Myungji Bldg., 142-21 Samsung-Dong, Kangnam-Gu, Seoul, 135-090, Korea

Tel: 82-2-566-9830, Fax: 82-2-566-9831, E-mail: [info@seegene.com](mailto:info@seegene.com)

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## 2. Composition/Information on Ingredients

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Non-hazardous component	CAS No.	Concentration
Deoxyribonucleic Acid (DNA)	9007-49-2	1-2%

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## 3. Hazards Identification

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**Effect of overexposure;**

- Eyes** : No known toxicity, but contact may cause irritation.
- Skin** : No known toxicity, but contact may cause irritation and/or allergic reaction.
- Inhalation** : No known toxicity
- Ingestion** : No known toxicity, but may cause irritation of mouth, throat, esophagus and gastrointestinal tract

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## 4. First Aid Measures

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- Skin contact** : Flush with water and then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Consult a physician if irritation persists.
- Eye contact** : Flush with water for 15 minutes and consult a physician if irritation persists.
- Inhalation** : Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Contact a poison control center or a physician immediately.
- Ingestion** : Contact a poison control center or a physician. If the victim is conscious, give large amount of water or milk to dilute. Never induce vomiting or give liquids to someone who is unconscious.

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## 5. Fire Fighting Measures

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Flash point N/A

Auto-ignition TEMP N/A

Flammable limits N/A

Extinguishing Media: Water, foam, carbon dioxide or dry chemical.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing.

N/A= Not Applicable

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## 6. Accidental Release Measures

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If a spill occurs, wipe with a damp towel and place material in a suitable container for disposal.

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## 7. Handling and Storage

Handling: Do not get material on skin, in eyes or on clothing.

Storage: Store at room temperature.

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## 8. Exposure Controls and Personal Protection

Engineering Controls: Area ventilation is generally adequate.

Personal protective equipment:

Eyes: Wear safety goggles

Hands: Wear chemical resistant gloves

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## 9. Physical and Chemical Properties

Appearance/physical state	: Clear, colorless liquid		
Odor	: No odor	Melting point	: 100
pH	: 7.0	Freezing point	: N/A
Vapor pressure	: N/A	Solubility in water	: 100%
Vapor density	: N/A	Specific Gravity	: N/A

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## 10. Stability and Reactivity

Chemical stability: stable

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## 11. Toxicological Information

Toxicological properties of this product have not been thoroughly investigated.

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## 12. Ecological Information

No ecological information available.

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## 13. Disposal Considerations

Dispose of residue in accordance with federal, state, and local regulations.

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## 14. Transport Information

Proper Shipping Name: Not regulated.

Non-hazardous for transport: This substance is considered to be non-hazardous for transport.

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## 15. Regulatory Information

USA regulatory information

SARA listed: No

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## 16. Other Information

For R&D use only. Not for drug, household or other uses.

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