

Creation Date 23-Apr-2009

Revision Date 23-Apr-2009

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Plasmid DNA
Cat No. Plasmid DNA
Synonyms No information available.
Recommended Use For research use only

Company Thermo Fisher Scientific
 Open Biosystem Products
 601 Genone Way # 2100
 Huntsville, AL 35806 United States
 Tel: (303) 604-9499
 Fax:(303) 604-9680

Emergency Telephone Number Chemtrec US: (800) 424-9300
 Chemtrec EU: (202) 483-7616

2. HAZARDS IDENTIFICATION

R -phrase(s)
 none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Haz/Non-haz

Component	Weight %	EC No.	Classification
Deoxyribonucleic acids 9007-49-2	100	-	-

For the full text of the R phrases mentioned in this Section, see Section 16

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4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Ingestion	Do not induce vomiting. Obtain medical attention.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Substance is nonflammable; use agent most appropriate to extinguish surrounding fire..

Extinguishing media which must not be used for safety reasons

No information available.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Flash Point	Not applicable
Method	No information available.
Autoignition Temperature	No information available.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing.
Environmental Precautions	Should not be released into the environment.
Methods for Containment and Clean Up	Soak up with inert absorbent material Keep in suitable and closed containers for disposal

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7. HANDLING AND STORAGE

Handling Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing.

Storage Long term. Keep tightly closed in a dry and cool place. Keep at -20°C.

Specific use(s) No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

The product does not contain any hazardous materials with occupational exposure limits established.

Occupational exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers are close to the workstation location

Personal Protective Equipment

Respiratory Protection	No special protective equipment required
Eye Protection	Tightly fitting safety goggles
Skin and body protection	Long sleeved clothing
Hand Protection	Protective gloves

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Colorless
pH	Not applicable
Boiling Point/Range	Not applicable
Melting Point/Range	No information available.
Flash Point	Not applicable

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Conditions to Avoid Incompatible products. Excess heat. Exposure to air or moisture over prolonged periods.

Incompatible Materials Alcohols

Hazardous Decomposition Products None known

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Hazardous Polymerization Hazardous polymerization does not occur.

Hazardous Reactions . None under normal processing..

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information No acute toxicity information is available for this product

Component Information

Chronic Toxicity

Carcinogenicity There are no known carcinogenic chemicals in this product

Sensitization No information available.

Neurological Effects No information available.

Mutagenic Effects No information available.

Reproductive Effects No information available.

Developmental Effects No information available.

Target Organs None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Do not empty into drains.

Persistence and Degradability No information available

Bioaccumulative Potential No information available.

Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal

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14. TRANSPORT INFORMATION

IMDG/IMO Not regulated

ADR Not regulated

IATA Not regulated

15. REGULATORY INFORMATION

Labelling

R -phrase(s)
none

S -phrase(s)

S24/25 - Avoid contact with skin and eyes

International Inventories

Component	EINECS	ELINCS	NLP	TSCA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Deoxyribonucleic acids	-	-		-	X	-	-	-	X	X	-

16. OTHER INFORMATION

Prepared By Regulatory Affairs

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Revision Summary "****", and red text indicates revision

Restrictions on use No information available.

Training advice No information available.

Literary reference No information available.

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Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet