



Material Safety Data Sheet

CD -Freezer™ Medium

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

Preparation Name: CD -Freezer™ Medium
Catalogue number of the product: CC520-0100
Use of the preparation:
For laboratory use.
Company identification:
GeneDireX, Inc.
Website: <http://www.genedirex.com>

2. COMPOSITION/ INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

3. HAZARDS IDENTIFICATION

The preparation is not classified as dangerous according to Directive 1999/45/EC or Directive 67/548/EC, and is not labelled with danger symbols or indications of danger.

Hazards deriving from physical-chemical properties:

The data available do not support any physical or chemical hazard.

Human health hazards:

Inappropriate handling may cause formation of aerosols. Inhalation of aerosols may cause allergic type reactions in sensitized individuals. Prolonged skin contact may cause minor irritation.

Caution: Avoid inhalation, ingestion, and skin contacts.

Environmental hazards:

The data available do not support any environmental hazard.

4. FIRST-AID MEASURES

Ingestion If swallowed, rinse mouth and throat thoroughly with water. Consult a doctor in event of any complaints.

Inhalation If inhaled, remove victim from area of exposure. If symptoms of irritation or respiratory allergy occur, consult a doctor.

Skin contact Generally, the product does not irritate the skin. If symptoms of irritation after prolonged exposure occur, consult a doctor.

Eye contact In case of contact, wash out opened eyes with plenty of water for several minutes. Consult a doctor in event of any complaints.

5. FIRE-FIGHTING MEASURES

The preparation cannot cause fire.

Suitable extinguishing agents Water spray, Carbon Dioxide, dry chemical powder or appropriate foam.

Not suitable extinguishing agents None.

Special exposure hazards from decomposition products Not thoroughly investigated.

Protective equipment Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear appropriate gloves (see Section 8), safety glasses to clean small releases/spillage.

In case of vapor/aerosol formation, wear suitable respiratory protection means. Ventilate the area.



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Environmental precautions
Methods for cleaning up

No special measures required.
Absorb spillages with liquid-binding material. Ventilate and wash the area after the spillage is completely removed.

Additional information

No dangerous substances are released.

7. HANDLING AND STORAGE

Handling Open and handle vessels carefully.
Storage Store at 2°C to 8°C.
Storage Procedures Do not store together with acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection No personal respiratory protective equipment normally required.
Eye protection Safety glasses
Hand protection One-way gloves
Hygiene measures Wash hands before and after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Liquid.
pH-value at 25°C 7.2.
Boiling point 100°C.
Flash Point Not applicable.
Flammability / autoflammability The preparation is not flammable/self-igniting.
Explosive properties The preparation does not possess explosive properties.
Oxidizing properties Not applicable.
Vapor pressure Not applicable.
Relative density at 20°C Not applicable.
Solubility in/miscibility with water Fully miscible.
Fat solubility Not applicable.
Vapor density Not applicable.
Evaporation rate Not applicable.
Conductivity Not applicable.
Viscosity Not viscous.

10. STABILITY AND REACTIVITY

Stability Stable under storage conditions (see Section 7).
Conditions to avoid No conditions which may cause dangerous reactions.
Possibility of hazardous reactions No dangerous reactions known.
Materials to avoid No materials which may cause dangerous reactions.
Hazardous decomposition products No dangerous decomposition products known.
Hazardous polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of exposure Inhalation:
Inhalation of aerosols may cause allergic type reactions in sensitized individuals.
Ingestion Repeated ingestion or excessive dosage may cause irritation of the gastrointestinal tract.
Skin and eye contact Generally, the product does not irritate the skin and eyes. Prolonged skin or eye contact may cause minor irritation.



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Additional toxicological information

When used and handled according to specifications, the product does not have any harmful effects. The product is not listed in a priority list as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of the existing substances.

12. ECOLOGICAL INFORMATION

Ecotoxicity The preparation is considered not dangerous to the environment with respect to mobility, persistence and degradability, bioaccumulation, aquatic toxicity and other data relating to ecotoxicity.

Persistence and degradability The preparation is readily biodegradable.

Bioaccumulative potential It is considered that the preparation does not accumulate in biota, and does not pass through the food chain.

Other adverse effects Not applicable.

13. DISPOSAL CONSIDERATIONS

The disposal of the product does not present a danger.

No special disposal methods required, except to be in accordance with current local environmental regulations.

14. TRANSPORT INFORMATION

Special precautions None known.

Proper shipping name Not dangerous goods according to transport regulations

National transport regulations No additional national transport regulations are known to the supplier.

IMDG Non-hazardous for sea freight.

ADR Non-hazardous for road transport.

RID Non-hazardous for rail transport.

ICAO/IATA Non-hazardous for air transport.

Other information The preparation may be stored in ice during the transportation.

15. REGULATORY INFORMATION

International Inventories No information available.

Korea This product complies with applicable Korean chemical regulations.

Taiwan This product complies with applicable Taiwan chemical regulations.

China This product complies with applicable China chemical regulations.

16. 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. GeneDireX, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.