Bambanker™

Cat. No.	Product	Content
BB01	Bambanker™	1 x 120 mL
BB02		5 x 20 mL
BB03		1 x 20 mL

1. Identity of the substance and the manufacturer

1.1. Name of the substance or preparation
Bambanker™.

1.2. Recommended use of the chemical and restrictions on use
Laboratory research use only.

1.3. Name and address of the manufacturer
GC Lymphotec Inc.
18-4 Fuyuki, Koto-ku, Tokyo, Japan

1.4. Emergency telephone contact
+49 2421/554960

2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1. GHS classification
This product is not classified as a hazardous mixture according to the GHS classification.

2.1.2. GHS label elements
No pictogram and signal word assigned.

3. Composition/information about the components

3.1. Substance/mixture

Mixture/single chemical: mixture

Component	CAS No.	CSCL regulation gazette reference No.	Industrial Safety and Health Act gazette reference No.	Content
Dimethyl sulfoxid	67-68-5	(2)-1553	NA	10%
Bovine serum albumin	9048-46-8	NA	NA	≤ 80%
Medium components	NA	NA	NA	≤ 10%

4. First-aid measures

4.1. Description of necessary first-aid measures

4.1.1. Inhalation

Move the victim to fresh air and try to keep them at rest and warm.
If symptoms persist, seek medical advice or care.

4.1.2. Skin contact

Wash thoroughly with soap and plenty of water immediately.
If symptoms persist, seek medical advice or care.

4.1.3. Eye contact

Wash thoroughly with plenty of water immediately.
If symptoms persist, seek medical advice or care.

4.1.4. Ingestion

Rinse mouth.
Do NOT induce vomiting.
Seek medical advice or care immediately.

5. In case of fire

5.1. Conditions of flammability

No data available.

5.2. Suitable extinguishing agents

In case of fire, use foam, alcohol-resistant foam, powder, carbon dioxide, or water.

5.3. Not suitable extinguishing agents

No data available.

5.4. Special exposure hazards

Since it generates irritating or toxic gas in case of fire, wear appropriate protective equipment to avoid inhaling smoke when extinguishing fire.

5.5. Recommendations for firefighter

5.5.1. Special firefighting procedure

- Remove combustion sources at the origin of a fire and extinguish with fire-extinguishing media.
- Promptly transfer movable containers to a safe place.
- If it cannot be moved, cool down the surrounding area by spraying water.

5.5.1. Protection of firefighters

Firefighting should be done from the upwind side, while avoiding inhaling toxic gas. Wear a respiratory protector depending on the situation.

6. In case of spillage

6.1. Personal precautions, protective equipment and emergency procedures

When indoors, ventilate thoroughly until the handling is completed. Prohibit unnecessary people from entering the leakage site. Wear appropriate protective equipment when working to avoid splashes adhering to the skin and inhalation of gas. Perform fire-extinguishing work from the upwind side and evacuate anyone who is downwind.

6.2. Environmental precautions
Do not let the leaked product flow into rivers, etc. where it could cause environmental harm. Do not discharge contaminated wastewater to the environment without proper treatment.

6.3. Methods and meterials for containment and cleanup
Collect the leaked liquid in a container that can be sealed by adsorbing it using rags, dust-cloths, or soil.

7. Handling and storage

7.1. Handling

7.1.1. Technological countermeasures
Wear appropriate protective equipment to avoid inhalation and contact with the eyes, skin and clothing.

7.2. Storage

7.2.1. Proper storage condition
Avoid direct sunlight, and store in a cool, dark place (2–10°C).

8. Exposure controls/personal protection

8.1. Equipment countermeasures
Handle in a place with adequate ventilation, provide a handwashing facility nearby, and display its location clearly.

8.2. Exposure limit
Acceptable concentration determined by the Japan Society for Occupational Health: no data available.

8.3. Personal protective equipment

8.3.1. Respiratory protection
Wear a protective mask depending on the situation.

8.3.2. Hand protection
Wear protective gloves depending on the situation.

8.3.3. Eye protection
Wear protective glasses depending on the situation.

8.3.4. Skin and body protection
Wear long-sleeved work clothes depending on the situation.

9. Physical and chemical properties

Appearance	Yellow, clear liquid
Odour	None
pH (at 25°C)	7.0–7.4
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	No data available
High/low flammability or explosive limit	No data available
Vapor Pressure	No data available
Vapor density	No data available
Density/relative density	1.0276 g/cm^3
Water solubility	No data available
Partition coefficient of n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity (coefficient of viscosity)	No data available
Kinetic viscosity	No data available

10. Stability and reactivity

10.1. Reactivity
It turns red when released to the atmosphere.

10.2. Chemical stability
It is stable at the recommended storage temperature.

10.3. Possibility of hazardous reactions
No hazardous reactions occur in normal handling.

10.4. Conditions to avoid
Avoid high temperature and direct sunlight.

10.5. Hazardous decomposition products
No data available.

11. Toxicological information

11.1. Acute toxicity
No data available.

11.2. Local toxicity
No data available.

11.3. Sensitization
No data available.

11.4. Germ cell mutagenicity
No data available.

11.5. Carcinogenicity
No data available.

11.6. Teratogenicity
No data available.

11.7. Toxicity when eaten raw
No data available.

11.8. Specific target organ toxicity (single/repeated exposure)
No data available.

11.9. Aspiration hazard
No data available.

12. Ecological information

12.1. Ecotoxicity
No data available.

12.2. Persistence and degradability
No data available.

12.3. Bioaccumulative potential
No data available.

12.4. Mobility in soil
No data available.

12.5. Hazard to the ozone layer
No data available.

13. Disposal considerations

Contents and containers shall be disposed of in accordance with appropriate laws and regulations of the region, country, or local site.

14. Transport information

UN number is not applicable.

15. Regulatory information

15.1. Fire Service Act

Not applicable.

15.2. Poisonous and Deleterious Substances Control Act

Not applicable.

15.3. Industrial Safety and Health Act

Not applicable.

15.4. Regulations for the Carriage and Storage of Dangerous Goods by Ship

Not applicable.

15.5. Civil Aeronautics Act

Not applicable.

15.6. PRTR Law

Not applicable.

15.7. Export Trade Control Order

Not applicable.

16. Other information

This information is based on our present knowledge. Its objective is to describe the product from the point of view of safety, and no warranty is made other than its characteristics. This information does not absolve the user in any circumstances from observing other Legislative, Regulatory and Administrative requirements applying to the product, and to safety, hygiene and the well-being of the people in the workplace.

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