

Printing date 08/03/2004

Reviewed on 05/13/2003

**1** Identification of substance:

- · Product name: Loeffler Blood Serum
- · Catalog ngn



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#### **5** *Fire fighting measures*

· Suitable extinguishing agents

CO2, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.

· Protective equipment: No special measures required.

#### **6** Accidental release measures

- · Person-related safety precautions: Not required.
- Measures for environmental protection: Wipe up with damp sponge or mop.
- Measures for cleaning/collecting: No special measures required.
- · Additional information: No dangerous substances are released.

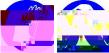
#### 7 Handling and storage

- · Handling
- · Information for safe handling: No special measures required.
- Information about protection against explosions and fires: No special measures required.
- · Storage
- Requirements to be met by storerooms and receptacles: 2 8 C
- Information about storage in one common storage facility: Store away from oxidizing agents.
- Further information about storage conditions: None.

#### 8 Exposure controls and personal protection

• Additional information about design of technical systems: No further data; see item 7.

- Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists that were valid during the creation were used as basis.
- · Personal Protective Equipment
- General protective and hygienic measures
- The usual precautionary measures for handling chemicals should be followed.
- Breathing equipment:
- In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- Protection of hands:



Chemical resistant gloves (i.e. nitrile, or equivalent).

- · Eye protection: Safety glasses
- · Body protection: Protective work clothing (lab coat).

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General Information	
Form:	Solid.
	Powder
Color:	Beige
Odor:	Characteristic
· Change in condition	Undetermined
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	
Flash point:	Not applicable
• Auto igniting:	Product is not self igniting.
Danger of explosion:	Product does not present an explosion hazard.
· Density:	Not determined
· Solubility in / Miscibility with	
Water:	Soluble
· pH-value:	7.1 +/- 0.2
Solvent content:	
Solids content:	100.0 %

### **10 Stability and reactivity**

- $\cdot$  Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- · Dangerous reactions No dangerous reactions known
- · Dangerous products of decomposition: No dangerous decomposition products known.

#### **11 Toxicological information**

- Acute toxicity:
- · Primary irritant effect:
- on the skin: No irritating effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- · Additional toxicological information:
- The product is not subject to O



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· General notes: Generally not hazardous for water.

#### **13 Disposal considerations**

· Product:

· Recommendation

Smaller quantities can be disposed of with solid waste.

*Dispose of material in accordance with federal (40 CFR 261), state and local requirements. This product is not considered a RCRA hazardous waste.* 

· Uncleaned packagings:

- Recommendation: Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### **14 Transport information**

· DOT regulations:

· Hazard class:

· Land transport ADR/RID (cross-border)

· ADR/RID class:

· Maritime transport IMDG:

· IMDG Class:

• Marine pollutant: No

• Air transport ICAO-TI and IATA-DGR: • ICAO/IATA Class: -

· Transport/Additional information:

If a dashed line appears in the Hazard Class section for the type of transportation, this indicates the product is not regulated for transportation. However, if a Hazard Class Number is listed the product is regulated.

### **15 Regulations**

· SARA Section 355 (extremely hazardous substances)

None of the ingredients is listed.

· SARA Section 313 (specific toxic chemical listings)

None of the ingredients is listed.

· TSCA (Toxic Substances Control Act)

50-99-7 dextrose

· California Proposition 65 - Chemicals known to cause cancer

None of the ingredients is listed.



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USA

· Carcinogenicity categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

#### · Product related hazard information:

*Observe the general safety regulations when handling chemicals The product is not subject to identification regulations pertaining to regulations on hazardous materials.* 

- · National regulations
- · Water hazard class: Generally not hazardous for water.

#### **16 Other information:**

To the best of our knowledge, the information contained herein is accurate. However, neither Becton,Dickinson and Company or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

· Department issuing MSDS: Safety and Environment Department

· Contact: Technical Service Representative