

# Safety Data Sheet according to 1907/2006/EC, Article 31

Date Prepared: 06.11.2008

Revision: 06.10.2008

## 1 Identification of substance:

- **Trade name:** m FC Broth Base
- **Article number:** 288330
- **Manufacturer/Supplier:**  
BD Diagnostic Systems Europe  
Regulatory Compliance Department  
Becton Dickinson France  
11, rue Aristide Bergès  
38800 Le Pont de Claix  
France  
Tel: 33 0 476 68 36 36
- **Further information obtainable from:** Technical Service Representative
- **Information in case of emergency:** Tel: 33 0 476 68 36 36

## 2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
R 36/37/38 Irritating to eyes, respiratory system and skin.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture consisting of the following components.

### Dangerous components:

CAS: 7647-14-5	sodium chloride	Xi; R 36/37/38	13,5%
EINECS: 231-598-3			
	bile salts No. 3	Xi; R 36/37/38	4,1%

- **Additional information** For the wording of the listed risk phrases refer to section 15.

## 4 First aid measures

- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing** If symptoms persist consult doctor.

## 5 Fire fighting measures

- **Suitable extinguishing agents**  
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

(Contd. on page 2)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Date Prepared: 06.11.2008

Revision: 06.10.2008

**Trade name: m FC Broth Base**

(Contd. of page 1)

· **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Damp down dust with water spray.
- **Measures for cleaning/collecting:** No special measures required.
- **Additional information:**
  - See Section 7 for information on safe handling
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### 7 Handling and storage

- **Handling**
  - **Information for safe handling:** Prevent formation of dust.
  - **Information about fire - and explosion protection:** No special measures required.
- **Storage**
  - **Requirements to be met by storerooms and receptacles:** 2 - 30 °C
  - **Information about storage in one common storage facility:** Store away from oxidizing agents.
  - **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls and personal protection gear

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients 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 valid during the making were used as basis.
- **Personal protective equipment**
  - **General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.
  - **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
  - **Protection of hands:**



Protective gloves.

- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

EU

(Contd. on page 3)

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Date Prepared: 06.11.2008

Revision: 06.10.2008

Trade name: *m FC Broth Base*

(Contd. of page 2)

**9 Physical and chemical properties:****· General Information**

**Form:** Solid.  
Powder  
**Colour:** Beige  
**Odour:** Characteristic

**· Change in condition**

**Melting point/Melting range:** Not determined  
**Boiling point/Boiling range:** Not determined

**· Flash point:** Not applicable

**· Self-igniting:** Product is not selfigniting.

**· Danger of explosion:** Product does not present an explosion hazard.

**· Density:** Not determined

**· Solubility in / Miscibility with  
Water:**

Soluble

**· pH-value:** 7,4 +/- 0,2

**· Solvent content:**

**· Solids content:** 100,0 %

**10 Stability and reactivity**

- Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- Dangerous reactions** No dangerous reactions known
- Dangerous decomposition products:** Chlorine

**11 Toxicological information**

- Acute toxicity:**
- Primary irritant effect:**
- on the skin:** Irritant to skin and mucous membranes.
- on the eye:** Irritating effect.
- Sensitization:** No sensitizing effects known.
- Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
Irritant  
Exposure may cause allergic reaction in individuals sensitive to proteolytic enzymes.

**12 Ecological information:**

- Ecotoxicological effects:**
- Other information:**  
The ecological effects have not been thoroughly investigated, but currently none have been identified.

(Contd. on page 4)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Date Prepared: 06.11.2008

Revision: 06.10.2008

**Trade name: m FC Broth Base**

· **General notes:** Generally not hazardous for water.

(Contd. of page 3)

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
Smaller quantities can be disposed of with household waste.  
Must be specially treated adhering to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- **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:** -

### 15 Regulations

- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials
- **Code letter and hazard designation of product:**  
Xi Irritant
- **Hazard-determining components of labeling:**  
sodium chloride  
bile salts No. 3
- **Risk phrases:**  
36/37/38 Irritating to eyes, respiratory system and skin.
- **Safety phrases:**  
7 Keep container tightly closed.  
22 Do not breathe dust.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
36 Wear suitable protective clothing.

### 16 Other information:

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither BD 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

(Contd. on page 5)

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Date Prepared: 06.11.2008

Revision: 06.10.2008

**Trade name: m FC Broth Base**

(Contd. of page 4)

*present unknown hazards and should be used with caution. Although certain hazards described herein, we cannot guarantee that these are the only hazards that exist.*

· **Relevant R-phrases**

36/37/38 Irritating to eyes, respiratory system and skin.

· **Department issuing MSDS:** Safety and Environment Department

· **Contact:** Technical Service Representative

EU