

# ADDITIONAL INFORMATION

## MATERIAL SAFETY DATA SHEET

### ● **Section 1 – Identification of the substance and of the company**

**Substance:** Empty gelatin capsule

**Uses:** Production of pharmaceutical products

**Manufacturer's Name:** Qualicaps Europe, S.A.

**Address:** c/ de la Granja, 49  
28108 Alcobendas (Madrid); Spain

**Telephone Number:** +34 91 663 08 00

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### ● **Section 2 – Composition / information on ingredients**

**Component:** Gelatin ----- q.s.100 %  
Sodium Lauryl Sulphate ----- 0.1-0.2 %  
Colourant ----- 0 - 10.0 %

**CAS Number:** Gelatin ----- 9000 - 70 - 8  
Sodium Lauryl Sulphate ----- 151 - 21 - 3  
Colourant ----- \_\_\_\_\_

## ● Section 3 – Hazards identification

### **Caution**

\* Wet floors on which this products is spilt may become very slippery.

### **Potential health effects**

Inhalation: May irritate the respiratory tract.

Skin contact: May cause skin irritation on long term contact, but no influence on the human body.

Eye contact: May cause abrasive irritation.

Ingestion: May cause choking if empty capsules are swallowed.

### **Others**

May be flammable.

May liberate the following gasses if burnt: Carbon monoxide, Carbon dioxide.

## ● Section 4 – First aid measures

Inhalation: Give artificial respiration if irritates the respiratory tract.

Skin contact: Wash off in running water using a mild soap.

Eye contact: Gently rinse eyes immediately with clean water for at least a few minutes occasionally lifting upper and lower lids. Seek immediate medical attention.

Ingestion: Drink large quantities of water. Rinse out mouth with water.

If no improvement is seen after taking the above actions, then call a doctor immediately.

## ● Section 5 – Fire-fighting measures

### **Fire and explosive properties:**

- Slight fire hazard when exposed to heat or flame.

### **Suitable extinguishing media:**

- Water spray, dry chemical powder, carbon dioxide or foam as appropriate for surrounding fire and materials.

### **Basic fire-fighting guidance:**

- Move container from fire area if it can be done without risk.
- Use extinguishing agents suitable for type of surrounding fire.

### **Special exposure hazards from combustion products:**

- During a fire, toxic fumes and irritating odour may be generated by thermal decomposition or combustion.

### **Special protective equipment for fire-fighters:**

- Self-contained breathing equipment.
- Protective clothing.

## ● Section 6 – Accidental release measures

### **In case of spills**

- Vacuum or sweep up in suitable container for waste disposal.
- Do not wash away into sewers or watercourses.

## ●Section 7 – Handling and storage

### **Handling:**

- Avoid open flames, heat, sparks. Avoid contact with acid, peroxides, and other oxidising materials.

### **Storage:**

- Store in a sealed container. Store in a cool and dry place. Keep away from possible source of ignition.
- When storing, follow all regulations with regard to this substance in your country or region.

### **Other precautions:**

- Avoid smoking near this product.
- Avoid reuse of the empty container to other purpose.

## ●Section 8 – Exposure controls / personal protection

### **Engineering controls**

Handle in a well ventilated area. Normal industrial hygiene measures should be sufficient.

### **Protective equipment**

Normal industrial hygiene measures should be sufficient.

### **Exposure guidelines**

OSHA PEL: Not established

ACGIH TLV: Not established

### **Personal protection equipment**

Respiratory protection: Mask

Hand protection: Gloves

Eye protection: Safety goggles

Skin protection: No precautions other than clean body-covering clothing are required.

## ● Section 9 – Physical and chemical properties

**Appearance:** The capsule shape is a pair of cylinders, each with one end closed, which can be overlapped one on the other. Odourless and elastic.

**pH:** Not applicable.

**Boiling point / boiling range:** Not applicable.

**Melting point / melting range:** Not applicable.

**Flash point:** Not applicable.

**Flammability:** Not applicable.

**Explosive properties:** Not applicable.

**Oxidising properties:** None.

**Vapour pressure:** Not applicable.

**Vapour density:** Not applicable.

**Relative density:** Not applicable.

**Water solubility:** Soluble in warm water and produces a viscous solution or gel.  
Insoluble in cold water.

**Solvent solubility:** Soluble in glacial acetic acid.  
Insoluble in anhydrous alcohol, chloroform and ether.

## ● Section 10 – Stability and reactivity

### **Chemical stability:**

- Stable under normal temperatures and pressures.

### **Conditions to avoid:**

- That product may burn but does not ignite readily.
- Avoid contact with strong oxidising agents, excessive heat, sparks, or open flames.

### **Materials to avoid:**

- Acids, peroxides and other oxidising agents.

### **Hazardous decomposition products:**

- Thermal decomposition products may include toxic oxides of carbon.

### **Hazardous polymerisation:**

- It has not been reported to occur under normal temperatures and pressures.

## ● Section 11 – Toxicological information

Information on the main material, Gelatin is as follows: No information on empty capsules is available.

**Carcinogenicity:** This substance is not considered to be a carcinogen by NTP or OSHA in U.S.A or IARC, and other information is available.

**Mutagenicity:** No information is available.

**Effects on the reproductive system:** No information is available.

### **Health effects**

**Inhalation:** May irritate the respiratory tract.

**Skin contact:** May cause skin irritation on long term contact, but no influence on the human body.

**Eye contact:** May cause abrasive irritation.

**Ingestion:** May cause choking if empty capsules are swallowed.

## ●Section 12 – Ecological information

This product does not present a long-term ecological problems. It is considered to be biodegradable.

It is assumed that the release of large quantities of this product into watercourse will cause a reduction in dissolved oxygen and could therefore contribute to BOD. Gelatin capsules are not soluble at temperature below 28 °C.

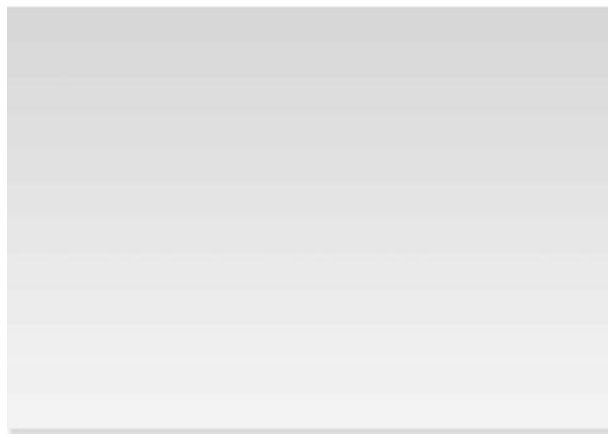
## ●Section 13 – Disposal information

**Contents:** When disposing, check all regulations with regard to this material's disposal in your country or region, and follow them.

**Container:** Incinerate.

## ●Section 14 – Transport information

Follow all regulations in your country or region.



## ●Section 15 – Regulatory information

Qualicaps Europe, S.A. is unable to check the regulatory information with regard to this substance in your country or region. You are requested to investigate this matter in the area of your responsibility.

**\*UN Number:** None.

## ●Section 16 – Other information

This material safety data sheet (MSDS) is offered solely for your information, consideration and investigation. The data described in this MSDS consist of data in the literature, our acquired data and analytical inference of data of similar chemical substances or products. Qualicaps Europe, S.A. provides no warranties, either expressly or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. Final determination of the suitability of any material is the sole responsibility of the user.

