

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

SARTORIUS

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## pHrodo Green Zymosan Bioparticles for Phagocytosis; catalog number 9500-4618

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	30.03.2020	SAG-R0001876	Date of first issue: 30.03.2020

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : pHrodo Green Zymosan Bioparticles for Phagocytosis; catalog number 9500-4618

Substance name : pHrodo Green Zymosan Bioparticles for Phagocytosis; catalog number 9500-4618

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### 1.3 Details of the supplier of the safety data sheet

Company : Sartorius Corporation  
565 Johnson Avenue  
11716 Bohemia

E-mail address of person responsible for the SDS : Department CA-FM Environment@sartorius.com

#### 1.4 Emergency telephone number

UK/Europe/Global: +44.1865.407.333 (Sartorius 29003)  
United States: +1.866.928.0789 (Toll free), (Sartorius 29003)  
Canada: +1.800.579.7421 (Toll free), (Sartorius 29003)  
United States & Canada (geographic): +1.202.464.2554 (Sartorius 29003)  
Asia-Pacific/East & South East Asia (without China): +65.3158.1074 (Sartorius 29003)  
Japan: +81.3.4578.9341 (Sartorius 29003)  
Indonesia: 007.803.011.0293 (Toll free Indonesia), (Sartorius 29003)  
Malaysia: +60.3.6207.4347 (Sartorius 29003)  
Thailand: 001.800.120.666.751 (Toll free Thailand), (Sartorius 29003)  
India: 000.800.100.7479 (Toll free India) or +65.3158.1198 (Sartorius 29003)  
South Korea: +82.2.3479.8401 (Sartorius 29003)  
Australia: +61.2.8014.4558 (Sartorius 29003)  
New Zealand: +64.9.929.1483 (Sartorius 29003)  
Middle East/Africa: +44.1235.239671 (Sartorius 29003)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

#### 2.2 Label elements

Labelling REGULATION (EC) No 1272/2008



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Hazard pictograms	:	 
Signal word	:	Warning
Hazard statements	:	H316 Causes mild skin irritation. H320 Causes eye irritation.
Precautionary statements	:	<b>Prevention:</b> P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P262 Do not get in eyes, on skin, or on clothing. <b>Response:</b> P302 + P352 IF ON SKIN: Wash with plenty of water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

### 2.3 Other hazards

None known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Hazardous components

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

If inhaled	:	If breathed in, move person into fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary.
In case of skin contact	:	Wash off immediately with plenty of water. If skin irritation persists, call a physician.
In case of eye contact	:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

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If eye irritation persists, consult a specialist.

If swallowed : Call a physician immediately.  
Never give anything by mouth to an unconscious person.

### 4.2 Most important symptoms and effects, both acute and delayed

None known.

### 4.3 Indication of any immediate medical attention and special treatment needed

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Water spray jet  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

### 5.2 Special hazards arising from the substance or mixture

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : The product itself does not burn.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid dust formation.  
Use personal protective equipment.

### 6.2 Environmental precautions

Environmental precautions : Do not let product enter drains.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Pick up and arrange disposal without creating dust.  
Use mechanical handling equipment.

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### 6.4 Reference to other sections

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- |                         |   |   |
|-------------------------|---|---|
| Advice on safe handling | : | Avoid formation of aerosol.<br>Avoid formation of respirable particles.   |
| Hygiene measures        | : | Avoid contact with skin, eyes and clothing. Do not smoke.<br>Keep away from food, drink and animal feedingstuffs. When using do not eat or drink. |

### 7.2 Conditions for safe storage, including any incompatibilities

- |   |   |  |
|---|---|--|
| Requirements for storage areas and containers | : | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| Storage class (TRGS 510)                      | : | 10-13, German Storage Class 10 to 13                                     |

### 7.3 Specific end use(s)

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### Personal protective equipment

- |                          |   |                                  |
|--------------------------|---|----------------------------------|
| Eye protection           | : | Safety glasses with side-shields |
| Hand protection          | : |                                  |
| Remarks                  | : | Protective gloves                |
| Skin and body protection | : | Lab coat                         |
- 

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- |            |   |       |
|------------|---|-------|
| Appearance | : | solid |
|------------|---|-------|

### 9.2 Other information

No data available

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

#### 10.2 Chemical stability

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.  
Stable under recommended storage conditions.

#### 10.4 Conditions to avoid

Conditions to avoid : No data available

#### 10.5 Incompatible materials

Materials to avoid : No data available

#### 10.6 Hazardous decomposition products

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Further information

##### Product:

Remarks: biohazard

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### SECTION 12: Ecological information

#### 12.1 Toxicity

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 Results of PBT and vPvB assessment

Not relevant

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### 12.6 Other adverse effects

**Product:**

Additional ecological information : Remarks: In large quantities, this product may affect the functioning of waste-water treatment plants.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : In accordance with local and national regulations.

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## SECTION 14: Transport information

### 14.1 UN number

### 14.2 UN proper shipping name

### 14.3 Transport hazard class(es)

### 14.4 Packing group

### 14.5 Environmental hazards

### 14.6 Special precautions for user

Remarks : Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Water contaminating class (Germany) : Remarks: No data available

### 15.2 Chemical safety assessment

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## SECTION 16: Other information

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