

## **IncuCyte® pHrodo® DMSO**

Version	Revision Date:	MSDS Number:	Date of last issue:
1.1	15.01.2019	SAG-P0000110	01.11.2018
			Date of first issue: 01.11.2018

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

#### **1.1 Product identifier**

Trade name : IncuCyte® pHrodo® DMSO

Product code : 6500-0038

Substance name : Dimethyl sulfoxide

CAS-No. : 67-68-5

#### **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**

**Classification (REGULATION (EC) No 1272/2008)**  
Not a dangerous substance according to GHS.

#### **2.2 Label elements**

**Labelling REGULATION (EC) No 1272/2008**  
Not a dangerous substance according to GHS.

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### 2.3 Other hazards

None known.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Laboratory chemicals

#### Hazardous components

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

If inhaled : Fresh Air. If disease continues, please contact a medical expert.

In case of skin contact : Wash off immediately with soap and plenty of water.

In case of eye contact : Flush eyes with water as a precaution.

If swallowed : Rinse mouth.

### 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 : Alcohol-resistant foam  
Water spray  
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 : In the event of fire, wear self-contained breathing apparatus.

Further information : Hazardous gas or vapour can develop in case of fire.  
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 : Ensure adequate ventilation.

#### 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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

#### 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 : Wear personal protective equipment.  
Advice on protection against fire and explosion : Keep away from heat and sources of ignition. Take precautionary measures against static discharges.

Hygiene measures : Do not smoke. When using do not eat or drink.

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

Requirements for storage areas and containers : Store in original container. Keep in a dry place.

#### 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  
Hand protection :  
Remarks : Protective gloves  
Skin and body protection : Lab coat

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance : liquid  
Colour : colourless  
Odour : odourless  
Flash point : 88 °C

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Vapour pressure : 4,04 hPa (50 °C)

Density : 1,1 g/cm<sup>3</sup> (20 °C)

Solubility(ies)  
Water solubility : soluble

### 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 : Potential for exothermic hazard  
No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Conditions to avoid : Heat

### 10.5 Incompatible materials

Materials to avoid : Metals  
Reducing agents  
Oxidizing agents  
Other polymers such as polycarbonate and polyacetate

### 10.6 Hazardous decomposition products

Risk of violent reaction.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### **Product:**

Acute oral toxicity : LD50 Oral (Rat): 14.500 mg/kg

Acute dermal toxicity : LD50 Dermal (Rat): 50.000 mg/kg

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### SECTION 12: Ecological information

#### 12.1 Toxicity

**Product:**

Toxicity to fish : (Fish): 36.200 mg/l  
Exposure time: 96 h

#### 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

#### 12.6 Other adverse effects

No data available

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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, ADNR,  
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

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Water contaminating class : WGK 1 slightly water endangering  
(Germany)

### **15.2 Chemical Safety Assessment**

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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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