

**Microsart® @filter 100 – Tray version, 100 ml capacity, sterile packed in bags, CN white|black, 0.2µM**

Version	Revision Date:	MSDS Number:	Date of last issue: 05/30/2017
1.2	06/12/2018	SAG-RG000001	Date of first issue: 08/11/2016

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**SECTION 1. IDENTIFICATION**

Product name : Microsart® @filter 100 – Tray version, 100 ml capacity, sterile packed in bags, CN white|black, 0.2µM  
16D01--10-07--TG

Product code : SAG-RG000001

**Manufacturer or supplier's details**

Company name of supplier : Sartorius Corporation  
Address : 565 Johnson Avenue  
Bohemia NY 11716

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


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****GHS Classification**

Flammable Solids : Category 1

**GHS Label element**

Hazard pictograms : 

Signal word : Danger

Hazard statements : H228 Flammable solid.

Precautionary statements : **Prevention:**  
P210 Keep away from heat/sparks/open flames/hot surfaces. -

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No smoking.  
 P234 Keep only in original container.  
 P230 Keep wetted with water.  
 P243 Take precautionary measures against static discharge.  
**Response:**  
 P372 Explosion risk in case of fire.  
 P375 Fight fire remotely due to the risk of explosion.  
 P370 + P380 In case of fire: Evacuate area.  
**Disposal:**  
 P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical nature : Mixture

**Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
7727-37-9	Nitrogen in nitrocellulose	>= <= 12.6

**SECTION 4. FIRST AID MEASURES**

If inhaled : Persons, who have inhaled nitrous gases should lay down and keep quiet.  
 Call a physician immediately.  
 Most important symptoms and effects, both acute and delayed : None known.

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Only water!  
 Specific hazards during fire-fighting : Exposure to decomposition products may be a hazard to health.  
 Further information : In case of fire nitrose gases could be produced and high flames can occur.  
 Burning nitrocellulose can only be extinguished by large amounts of water.  
 Special protective equipment for firefighters : Extinguish with water only.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency measures : No smoking.

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gency procedures

Methods and materials for : Clean thoroughly.  
containment and cleaning up

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**SECTION 7. HANDLING AND STORAGE**

Advice on protection against fire and explosion	: Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Keep away from combustible material. Keep away from open flames, hot surfaces and sources of ignition.
Advice on safe handling	: Take precautionary measures against static discharges. Smoking, eating and drinking should be prohibited in the application area. Read the note of the German workers compensation organisation of the Chemical Industry to handle nitrocellulose (Germany).
Conditions for safe storage	: Store in original packaging. Keep away from heat. Keep away from sources of ignition - No smoking. No smoking. Store at constant temperature between 15 - 25°C and at max. 70% relative humidity.
Materials to avoid	: Keep away from combustible material. Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

**Engineering measures** : none

**Personal protective equipment**

Respiratory protection : Not required; except in case of aerosol formation.

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

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: solid
Odour	: odourless
Solubility(ies)	
Water solubility	: insoluble

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**SECTION 10. STABILITY AND REACTIVITY**

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Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use. Heating can release hazardous gases. With oxidizing agents possible. Stable under recommended storage conditions.
Incompatible materials	:	Incompatible with strong acids and oxidizing agents. Incompatible with strong acids and bases.
Hazardous decomposition products	:	No decomposition if stored and applied as directed. Stable under recommended storage conditions. Risk of ignition.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Further information****Product:**

Remarks: Health injuries are not known or expected under normal use.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : This product has no known ecotoxicological effects.

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Moisten used filter material with water (50 %) and store it in tightly closed containers until the final waste disposal. In accordance with local and national regulations.

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**SECTION 14. TRANSPORT INFORMATION****International Regulation**

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

Not applicable for product as supplied.

**National Regulations**

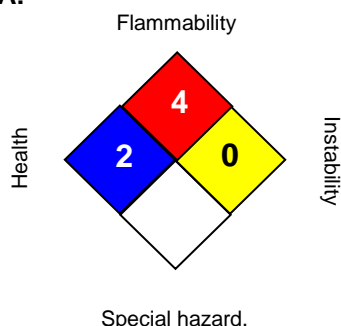
**SECTION 15. REGULATORY INFORMATION**

**California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16. OTHER INFORMATION**

**Further information**

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>4</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 =Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

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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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