

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

SARTORIUS

CN membrane_ 0.22 µm_ 25 mm, 100 pcs.

Version	Revision Date:	SDS Number:	Date of last issue: 30.03.2020
1.6	16.12.2020	SAG-RG000001	Date of first issue: 23.05.2016

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

1.1 Product identifier

Trade name : CN membrane_ 0.22 µm_ 25 mm, 100 pcs.
Product code : 11327--25-----N
Substance name : Filters of Nitrocellulose, no dangerous good
CAS-No. : 9004-70-0

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 Lab Instruments GmbH & Co.KG
Otto-Brenner-Straße 20
37079 Göttingen
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)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable solids, Category 1

Classification (67/548/EEC, 1999/45/EC)

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Highly flammable

R11: Highly flammable.

2.2 Label elements

Labelling REGULATION (EC) No 1272/2008

Hazard pictograms :



Signal word : Danger

Hazard statements : H228 Flammable solid.

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

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Mixture

Hazardous components

CAS-No. EC-No. Registration number	Chemical name	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
7727-37-9	Nitrogen in nitrocellulose	F; R11	4.1.1 1; H228	<= 12,6

For explanation of abbreviations see section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled : Persons, who have inhaled nitrous gases should lay down and keep quiet.
Call a physician immediately.

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

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Only water!

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Special protective equipment for firefighters : Extinguish with water only.

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : No smoking.

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Clean thoroughly.

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6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- 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).
- 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.
- 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 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.
- Advice on common storage : Keep away from combustible material. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- Storage class (TRGS 510) : 4.1A, Flammable solids

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Engineering measures

none

Personal protective equipment

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

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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

9.2 Other information

No data available

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. Heating can release hazardous gases. With oxidizing agents possible. Stable under recommended storage conditions.
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10.4 Conditions to avoid

10.5 Incompatible materials

Materials to avoid	: Incompatible with strong acids and oxidizing agents. Incompatible with strong acids and bases.
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10.6 Hazardous decomposition products

No decomposition if stored and applied as directed., Stable under recommended storage conditions., Risk of ignition.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Further information

Product:

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

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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

12.6 Other adverse effects

Product:

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : 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.

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 : ADR 286, IATA A122: Nitrocellulose membrane filters that have a weight of 0.5 g (max.) and are individually packaged are not restricted.

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Water contaminating class (Germany)	:	nwg not water endangering Remarks: (own classification)
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15.2 Chemical safety assessment

SECTION 16: Other information

Full text of R-Phrases

R11 : Highly flammable.

Full text of H-Statements

H228 : Flammable solid.

Full text of other abbreviations

4.1.1 : Flammable Solids

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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