

PRODUCT SAFETY DATA INFORMATION

Date: 09 November 2022

Data Sheet Number PSDI_ Vivid™ LFNC membrane Family
Revision: 1

SECTION 1 – Product Identification

This 'Product Safety Data Information' Sheet covers Pall Medical Vivid™ Lateral Flow Nitrocellulose (LFNC) membrane variants

Product name(s): Vivid Lateral Flow Nitrocellulose

Part Number(s): See appendix 1

For further information on Pall products, please visit Pall at <https://www.pall.com/en/about-pall.html>

SECTION 2 - Hazards Identification

Product definition: Article.

These products are not classified as hazardous according to REACH Regulation 1907/2006, or European CLP/GHS Regulation 1272/2008.

GHS Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

Special packaging requirements: None.

SECTION 3 - Materials of Construction

3.1 The membrane detailed in Section 1 are comprised of the following materials:

Material Name	%	CAS Number
Polyester	84	25038-59-9
Cellulose Nitrate (<12% Nitrogen)	16	9004-70-0

These products are not known to contain BADGE, NOGE, or BFDGE.

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the article.

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There are no current SVHC substances known to be present in the finished articles above 0.1%.

There are no current ROHS2 Directive (2011/65/EU) and amendment (2015/863) substances of concern (including Lead, Cadmium, Mercury, Hexavalent Chromium, Polybrominated biphenyl (PBB), Polybrominated diphenyl ether (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Benzyl Butyl Phthalate (BBP), Dibutyl phthalate (DBP) and Di-isobutyl phthalate (DIBP)) known to be present in the materials employed in excess of the limits laid down, based on information from our suppliers and knowledge of substances used within Pall the manufacturing facility.

Pall Medical membranes do not knowingly contain materials of direct animal origin i.e. animal parts, tissues, or body fluids or derivatives. They are not known to be present in the raw materials nor are they intentionally added in the manufacturing process, but Pall does not test for them.

SECTION 4 - First Aid Measures

4.1 First aid measures

Always address any contaminants present on the filter as the result of use.

Eye Contact:	Eye injury could result from physical impact. Get medical attention immediately.
Inhalation:	Inhalation is not considered a likely route of exposure for the filter product as supplied by Pall.
Skin Contact:	Wash with soap and water. If irritation persists, get medical attention.
Ingestion:	This material is not intended for ingestion and is not expected to present an ingestion hazard in the form and quantities present in a work-place setting. However, if ingestion occurs, seek medical attention.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training.

4.2 Key symptoms and effects

No known significant effects or critical hazards related to the materials of construction of the filter as supplied.

SECTION 5 - Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Water.

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Unsuitable extinguishing media: Dry powder, CO2 or alcohol-resistant foam.

5.2 Specific Hazards

Hazards from the substance: None

Hazardous combustion products: Decomposition products may include the following materials:

- Carbon dioxide
- Carbon monoxide
- Nitrogen oxides

5.3 Advice to Fire Fighters

Special precaution required. Fire-fighters should wear appropriate protective equipment, including self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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SECTION 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures are required in respect to the membrane in the unused condition as supplied.

6.2 Environmental precautions

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Spillage containment and cleaning up

Use suitable equipment to collect the material and place in a designated, labelled waste container.

Care should be taken to consider the nature of any contamination on the filter as the result of use and suitable PPE employed for handling medical waste.

Dispose of waste via a licensed waste disposal contractor.

SECTION 7 – Handling and Storage

7.1 Handling

Put on personal protective equipment appropriate for the work area. Always wear gloves when handling the membrane to protect from contamination. Vivid LFNC membranes are for professional use only.

Follow good hygiene practices. Eating, drinking and smoking are generally prohibited in areas where this product is handled, stored or processed – exceptions are made on the guidance of local medical advice. Staff must follow standard work-place hygiene before eating, drinking or smoking after using this product. Wear gloves to prevent contamination of the filter cartridge and maintain cleanliness of the unused filter.

7.2 Storage

VIVID LFNC membranes are supplied dry, without the presence of any preserving fluid. Store in a cool, clean environment. Handle with care to avoid damage or abrading.

- Store in original sealed Aluminium foil packing.
- Storage area should be clean and free of dust.
- Temperature should be kept between 10-25 °C.
- Humidity should be between 40% to 80%.
- Do not expose to direct sunlight or other radiation or direct weather conditions.

Ensure careful handling to avoid physical damage. Ensure packaging is intact prior to use.

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Pall recommends a visual inspection prior to use. Do not use if the product or packaging is damaged (please contact Pall for further advice).

SECTION 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Occupational Exposure limits: None required.

Recommended monitoring procedures: None required

8.2 Exposure controls

There are no special ventilation requirements for the membrane as supplied in the new and unused condition.

Hygiene Measures: No special measures required. Good hygiene practice in line with local working environmental requirements and medical guidelines.

Hand protection: Disposable gloves are recommended to ensure filter remains clean during installation.

Environmental Exposure Controls: Not normally required for the membrane itself as supplied.

After the membrane has been used additional exposure controls care should be taken in line with the nature of any contaminant on the filter as a result of its use.

SECTION 9 - Physical and Chemical Properties

Appearance: Membrane

Physical state: Solid

Colour: White

Solubility: Not soluble in water

Auto-ignition temperature: Not available

Sensitive to shock: Mechanical / thermal shock can result in damage to the membrane

SECTION 10 – Stability and Reactivity

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Reactivity:	The membrane is stable under the recommended conditions of use and storage.
Chemical Stability:	The membrane is stable under recommended conditions of use and storage.
Hazardous Polymerisation:	Polymerisation will not occur under recommended conditions of use and storage.
Other hazardous reactions:	Consult details of product being filtered for specific advice. Under normal conditions of storage and use, no hazardous reactions will occur.
Conditions to Avoid:	Avoid hot surfaces or other conditions that soften, swell or adversely affect the membrane or its materials of construction. Do not allow fluids to freeze on the membrane
Incompatible Materials:	Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.
Decomposition Products:	Under recommended conditions of use or storage, no hazardous decomposition products will be produced.

SECTION 11 - Toxicological Information

The information in this section contains generic advice and guidance in respect of the unused filter as supplied. Consult SDS details of the product being filtered for specific advice and recommendations.

11.1 Acute Toxicity

Based on typical information for the material type named, this information has not been determined specifically for Pall Medical filters

Mutagenicity / Carcinogenicity / Reproductive Toxicity / Teratogenicity: No known concern for the materials of construction of the filter as supplied (new and unused)

Aspiration Hazard: Not applicable for un-used filter.

Potential acute health effects: No known significant effects or critical hazards for the unused filter as supplied.

11.2 Chronic health effects

No known significant effects or critical hazards for the unused filter as supplied.

Carcinogenicity: No specific test data available, no evidence for hazardous properties

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SECTION 12 - Ecological Information

Pall Medical membrane are not expected to degrade in contact with soil or water under ambient conditions.

SECTION 13 - Disposal Information

The information in this section contains generic advice and guidance.

Product

Methods of disposal:

Unused as supplied membrane: Disposal/handling of the un-used membrane should be in-line with national legislation and local regulatory requirements for the materials present. Unused membrane may be used as land-fill.

Hazardous Waste: To the best of our knowledge, this product if unused is not regarded as hazardous waste as defined by the EU Directive 91/689/EEC and amendments.

Used membrane should be disposed of as clinical waste due to the nature of the contaminants on the membrane as a result of use. Therefore, used membrane may be classified as hazardous – clinical waste.

Packaging

Bagging: Aluminium pouch

Box: Cardboard

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled where suitable arrangements and facilities exist. Incineration or landfill should only be considered where re-cycling is not feasible.

SECTION 14 - Transport Information

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The clean and un-used membrane, supplied in its original packaging, is not classified as dangerous goods under ADR, RID, IMDG or IATA regulations.

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above Pall Corporation, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any materials is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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APPENDIX 1

Part Codes
VIV12020100R
VIV1202050R
VIV1202503R
VIV12025100R
VIV1202550R
VIV120SAMP
VIV120SHEET
VIV180205100R
VIV18025100R
VIV9020100R
VIV902503R
VIV9025100R
VIV902550R
VIV9035100R
VIV90SAMP
VIV90SHEET
VIV70SAMP
VIV7025100R
VIV702550R
VIV702503R
VIV140SAMP
VIV14025100R
VIV1402550R
VIV1402503R
VIV180200100R
VIV1802550R
VIV1802503R

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