

## SAFETY DATA SHEET

Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC - Europe  
English

### 1. Identification of the substance/preparation and company/undertaking

**Product name** Protran BA 85, 82 mm, 50 pack

**Catalogue Number** 10401116



9 0 1 0 4 0 1 1 1 6

#### Hazard symbol or symbols



Highly flammable

**Product type** Solid.

#### Company/undertaking identification

**Supplier** GE Healthcare UK Ltd  
Amersham Place  
Little Chalfont  
Buckinghamshire HP7 9NA  
England  
+44 0870 606 1921

**Emergency telephone number**  
Swedish Poisons Information Centre :  
+46 (0)8 331 231

**Person who prepared the MSDS :** msdslifesciences@ge.com

**Europe** GE Healthcare Bio-Sciences GmbH  
Munzinger Strasse 5  
D-79111 Freiburg  
Germany / Deutschland  
+49 0761 4543 0

### 2. Hazards identification

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** F, R11

**Physical/chemical hazards** Highly flammable.

See section 11 for more detailed information on health effects and symptoms.

### 3. Composition/information on ingredients

**Substance/preparation** Substance

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section, in accordance with EU or national regulations.

### 4. First-aid measures

#### First-aid measures

**Inhalation** If inhaled, remove to fresh air. Get medical attention if symptoms appear.

**Ingestion** Do not ingest. Get medical attention if symptoms appear.

**Skin contact** Wash with soap and water. Get medical attention if irritation develops.

**Eye contact** In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.

**Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**Notes to physician** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.



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See section 11 for more detailed information on health effects and symptoms.

## 5. Fire-fighting measures

### Extinguishing media

<b>Suitable</b>	Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
<b>Not suitable</b>	Do not use water jet.
<b>Special exposure hazards</b>	Highly flammable solid. Runoff to sewer may create fire or explosion hazard. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

<b>Personal precautions</b>	Eliminate all ignition sources. Use personal protective equipment as required.
<b>Environmental precautions</b>	No special recommendations.
<b>Large spill</b>	Pick up solids and put in an appropriate sealable container for later disposal.
<b>Small spill</b>	Pick up solids and put in an appropriate sealable container for later disposal.

## 7. Handling and storage

<b>Handling</b>	Keep away from sources of ignition.
<b>Storage</b>	Avoid all possible sources of ignition (spark or flame).

### Packaging materials

<b>Recommended</b>	Use original container.
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## 8. Exposure controls/personal protection

<b>Exposure limit values</b>	Not available.
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Latvia

No exposure limit value known.

### Exposure controls

<b>Occupational exposure controls</b>	No special ventilation requirements.
<b>Respiratory protection</b>	A respirator is not needed under normal and intended conditions of product use.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
<b>Eye protection</b>	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
<b>Skin protection</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Environmental exposure controls</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. Physical and chemical properties

### General information

#### Appearance

<b>Physical state</b>	Solid.
<b>Colour</b>	White.
<b>Odour</b>	Odourless.

### Important health, safety and environmental information

<b>Explosive properties</b>	Not considered to be a product presenting a risk of explosion.
<b>Vapour pressure</b>	0 kPa (0 mm Hg)
<b>Solubility</b>	Not available.

### Other information

<b>Auto-ignition temperature</b>	>160°C (>320°F)
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## 10. Stability and reactivity

<b>Stability</b>	The product is stable.
<b>Conditions to avoid</b>	Avoid all possible sources of ignition (spark or flame).
<b>Materials to avoid</b>	Reactive or incompatible with the following materials: oxidizing materials
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

### Potential acute health effects

<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	No known significant effects or critical hazards.
<b>Eye contact</b>	No known significant effects or critical hazards.

### Acute toxicity

<b>Conclusion/Summary</b>	Not toxic.
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### Potential chronic health effects

<b>Chronic effects</b>	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	No known significant effects or critical hazards.
<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	No known significant effects or critical hazards.
<b>Developmental effects</b>	No known significant effects or critical hazards.
<b>Fertility effects</b>	No known significant effects or critical hazards.

### Over-exposure signs/symptoms

<b>Inhalation</b>	No specific data.
<b>Ingestion</b>	No specific data.
<b>Skin</b>	No specific data.
<b>Eyes</b>	No specific data.

## 12. Ecological information




<b>Environmental effects</b>	No known significant effects or critical hazards.
<b>Conclusion/Summary</b>	No known significant effects or critical hazards.
<b>Conclusion/Summary</b>	Not available.
<b>Other adverse effects</b>	No known significant effects or critical hazards.

## 13. Disposal considerations

<b>Methods of disposal</b>	The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
<b>Hazardous waste</b>	The classification of the product may meet the criteria for a hazardous waste.

## 14. Transport information

### International transport regulations

<u>Regulatory information</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing group</u>	<u>Label</u>	<u>Additional information</u>
ADR/RID Class	UN3270	MEMBRANE FILTER OF NITROCELLULOSE	4.1	II		-
IMDG Class	UN3270	MEMBRANE FILTER OF NITROCELLULOSE	4.1	II		-
IATA-DGR Class	UN3270	Nitrocellulose membrane filters	4.1	II		-



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## 15. Regulatory information

### EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Hazard symbol or symbols



Highly flammable

Risk phrases

R11- Highly flammable.

Safety phrases

S16- Keep away from sources of ignition - No smoking.  
S33- Take precautionary measures against static discharges.  
S37/39- Wear suitable gloves and eye/face protection.

Product use

Industrial applications.

Europe inventory

Not determined.

### Other EU regulations

## 16. Other information

Full text of R-phrases referred to in sections 2 and 3 - Europe R11- Highly flammable.

Full text of classifications referred to in sections 2 and 3 - Europe F - Highly flammable



Indicates information that has changed from previously issued version.

### History

Date of printing	31 July 2009	Date of previous issue	05 February 2009
Date of issue	29 July 2009	Version	2

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, 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 material 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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