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

Hazard symbol or symbols

Highly flammable

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.
5. Fire-fighting measures

**Extinguishing media**

<table>
<thead>
<tr>
<th>Suitable</th>
<th>Not suitable</th>
<th>Special exposure hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use dry chemical, CO₂, water spray (fog) or foam.</td>
<td>Do not use water jet.</td>
<td>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.</td>
</tr>
</tbody>
</table>

**Special protective equipment for fire-fighters**

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

**Personal precautions**

Eliminate all ignition sources. Use personal protective equipment as required.

**Environmental precautions**

No special recommendations.

**Large spill**

Pick up solids and put in an appropriate sealable container for later disposal.

**Small spill**

Pick up solids and put in an appropriate sealable container for later disposal.

7. Handling and storage

**Handling**

Keep away from sources of ignition.

**Storage**

Avoid all possible sources of ignition (spark or flame).

**Packaging materials**

Use original container.

8. Exposure controls/personal protection

**Exposure limit values**

Not available.

**Latvia**

No exposure limit value known.

**Exposure controls**

**Occupational exposure controls**

No special ventilation requirements.

**Respiratory protection**

A respirator is not needed under normal and intended conditions of product use.

**Hand protection**

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.

**Eye protection**

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.

**Skin protection**

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.

**Environmental exposure controls**

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**

- Physical state: Solid.
- Colour: White.
- Odour: Odourless.

**Important health, safety and environmental information**

**Explosive properties**

Not considered to be a product presenting a risk of explosion.

**Vapour pressure**

0 kPa (0 mm Hg)

**Solubility**

Not available.

**Other information**

**Auto-ignition temperature**

>160°C (>320°F)
10. Stability and reactivity

Stability
The product is stable.

Conditions to avoid
Avoid all possible sources of ignition (spark or flame).

Materials to avoid
Reactive or incompatible with the following materials: oxidizing materials

Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Potential acute health effects
- Inhalation: No known significant effects or critical hazards.
- Ingestion: No known significant effects or critical hazards.
- Skin contact: No known significant effects or critical hazards.
- Eye contact: No known significant effects or critical hazards.

Acute toxicity
Conclusion/Summary: Not toxic.

Potential chronic health effects
- Chronic effects: No known significant effects or critical hazards.
- Carcinogenicity: No known significant effects or critical hazards.
- Mutagenicity: No known significant effects or critical hazards.
- Reproductive toxicity: No known significant effects or critical hazards.
- Developmental effects: No known significant effects or critical hazards.
- Fertility effects: No known significant effects or critical hazards.

Over-exposure signs/symptoms
- Inhalation: No specific data.
- Ingestion: No specific data.
- Skin: No specific data.
- Eyes: No specific data.

12. Ecological information

Environmental effects
No known significant effects or critical hazards.

Conclusion/Summary
No known significant effects or critical hazards.

Conclusion/Summary
Not available.

Other adverse effects
No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal
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 spill material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste
The classification of the product may meet the criteria for a hazardous waste.

14. Transport information

International transport regulations

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

**History**

- **Date of printing**
  - 31 July 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.