

## **i** GENERAL DESCRIPTION

Petol PM 410-4N is a Mannich polyol based on nonylphenol , with an average molecular weight 530.

## **Q** TECHNICAL QUALITY CONDITIONS

| No. | Characteristics            | M.U.     | Values                |
|-----|----------------------------|----------|-----------------------|
| 1   | Appearance                 | -        | Clear, viscous liquid |
| 2   | Hydroxyl value             | mg KOH/g | 400 - 440             |
| 3   | Viscosity, at 25°C         | cP       | 8000 - 15000          |
| 4   | Water (Karl-Fischer), max. | %        | 0.1                   |

## **🧪** APPLICATIONS

- polyol blends for rigid polyurethane foams.

## **📦** PACKING

The product is packed in stainless steel or inner coated rail or car tanks, property of supplier or client.

## **🏠** STORAGE

Due to its hygroscopic nature, the product is stored in tightly closed containers under nitrogen blanket, in cold, dry, vented areas, far from heat, moisture and inconsistent materials, at temperatures between +20°C and +30°C.

## **🚚** TRANSPORT

Petol PM 410-4N is classified under RID/ADR/ IMDG regulations:

|                           |  |
|---------------------------|--|
| Un. no.                   | 3082   |
| Proper shipping name      | Environmentally hazardous Substance Liquid,N.O.S.<br>(Polypropoxylated p-nonylphenolformaldehyde- Diethanolamine Mannich Base) |
| Hazzard class             | 9  |
| UN Packing Group          | III  |
| Hazard identification no. | 90   |

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**!** Methods for measuring the technical characteristics are available on request

All informations contained in this product data sheet is provided for your consideration, research and verification. For a better suitability of the product to your purpose, we recommend you carry out tests before using the product. We advise you to have your own decisions regarding safety, proper handling, storage, use and disposal. We expressly disclaim any liability for any loss, damage or expense resulting from reliance on the information provided herein. For more information, please refer to our safety data sheet.

## **📄** GENERAL CHARACTERISTICS

| Specific Properties      | Values    |
|--------------------------|-----------|
| Density at 25°C, g/cm3   | 1.01-1.10 |
| Functionality            | 4         |
| Average molecular weight | 530       |
| Flash point, °C, min.    | 200       |

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.