

## SAVOGEL / WHITE SOFT PARAFFIN BP

A purified mixture of semisolid hydrocarbons obtained from petroleum.

This product complies with BP current version. The technical parameters are as bellow.

| Sr No | Test parameter                            | Method     | BP Specifications                                                                                                                                                            | SAVOGEL Parameters   | Typical parameter |
|-------|-------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|
| 1     | Appearance                                | BP         | White or almost white, translucent, soft unctuous mass, slightly fluorescent in daylight when melted.                                                                        |                      | Complies          |
| 2     | Identification                            | BP         | First identification : A, B, D.<br>Second deification : A, C, D.                                                                                                             |                      |                   |
|       | A) Drop Point, °C                         |            | 35 - 70°C                                                                                                                                                                    | 48°C - 52°C          | 50°C              |
|       | *B) Infrared absorption Spectrophotometer |            | Shall comply with standard Reference                                                                                                                                         |                      | Reference sample  |
|       | C) Colour                                 |            | The Solid upper layer is violet-pink or brown                                                                                                                                |                      | Complies          |
|       | D) Appearance                             |            | The Substance is white                                                                                                                                                       |                      | Complies          |
| 3     | Solubility                                | BP         | Practically Insoluble in water, slightly soluble in methylene chloride, practically insoluble in ethanol (96 per cent) and in glycerol.                                      |                      | Complies          |
| 4     | Polycyclic aromatic hydrocarbons          | BP         | The absorbance of the test sample between 260 nm to 420 nm shall not exceed than that of standard reference solution @ 278 nm. 6 mg / L of Naphthalene in Diethyl sulphoxide |                      | Complies          |
| 5     | Acidity/Alkalinity                        | BP         | Not more than 0.5 ml of 0.01 M NaOH is required to change the colour of the indicator to red.                                                                                |                      | Complies          |
| 6     | Consistency@25°C                          | BP         | 60 dmm – 300 dmm                                                                                                                                                             | 140dmm-200dmm        | 186dmm            |
| 7     | Sulphated ash                             | BP         | NMT 0.05%                                                                                                                                                                    |                      | 0.016%            |
| 8     | K. Viscosity@100°C                        | ASTM D 445 | -                                                                                                                                                                            | 7.5 cSt - 12 cSt     | 7.7 cSt           |
| 9*    | Lovibond colour 2" cell                   | IP- 17     | -                                                                                                                                                                            | 1.0 Y Max + 0.3R Max | 0.3Y + 0.0R       |

\*IP: Institute of petroleum.

Packing available:

|                     |                  |
|---------------------|------------------|
| HDPE open top drums | 170 kg & 190 kg  |
| MS open top drums   | 170 kg & 190 kg  |
| Bulk                | 820 kg & 18000kg |

Shelf life: 3 years

This product doesn't content any genetically modified, animal originated or derived raw material.

Storage Conditions: Keep the material in ventilated, flat, away from heat source and free from moisture. Close tightly when not in use.

| Date       | Revision | Version |
|------------|----------|---------|
| 01.05.2023 | 01       | 00      |

## SAVITA OIL TECHNOLOGIES LTD

Reg office address: 66/67, 6<sup>th</sup> floor, Nariman Bhavan, Nariman Point, Mumbai, INDIA. Pin 400021.

Contact: Tel: +91-22-22883061, 66246200; E mail: [polymers@savita.com](mailto:polymers@savita.com); website: [www.savita.com](http://www.savita.com)

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