

## TECHNICAL DATA SHEET

|             |                         |             |        |
|-------------|-------------------------|-------------|--------|
| Trade Name: | Emulsoft 30             |             |        |
| INCI:       | Hydrogenated Polydecene |             |        |
| Cas. No:    | 68037-01-4              |             |        |
| EINECS:     | 500-183-1               | Article No: | 231013 |

| Analysis               | Method                   | Unit               | Typical                  |
|------------------------|--------------------------|--------------------|--------------------------|
| Kin Viscosity 20°C     | DIN EN ISO 3104          | mm <sup>2</sup> /s | 72.0                     |
| Kin. Viscosity 40°C    | DIN EN ISO 3104          | mm <sup>2</sup> /s | 30,1                     |
| Kin. Viscosity 100°C   | DIN EN ISO 3104          | mm <sup>2</sup> /s | 5.8                      |
| Dyn. Viscosity 20°C    | DIN EN ISO 3104          | mPa*s              | 59.0                     |
| Density 15°C           | DIN 51757 Verf. 3        | Kg/m <sup>3</sup>  | 827,0                    |
| Density 20°C           | DIN 51757 verf. 3        | Kg/m <sup>3</sup>  | 824,0                    |
| Refractive Index 20°C  | DIN 51423-02             | -                  | 1,4590                   |
| Colour No. Hazen/Alpha | DIN EN ISO 6271          | -                  | 5,0                      |
| Colour No. Saybolt     | ASTM D6045               | -                  | 30                       |
| Pour point             | ASTM D 5985              | °C                 | <-57                     |
| Pour point             | DIN EN ISO 3016 based on | °C                 | <-57                     |
| Flash point COC        | DIN EN ISO 2592          | °C                 | <230                     |
| Colour                 | HUR-SOP-IMS-30           |                    | Water white / clear      |
| Appearance / Aspect    | HUR-SOP-IMS-23           |                    | Colourless / Transparent |
| Odour                  | HUR-SOP_IMS-22           |                    | Odourless                |
| Purity                 | Ph. EUR. Current edition |                    | complies                 |
| Purity                 | FDA 178.3620(a)          |                    | Complies                 |

### Product Description:

Hydrogenated Polydecene is an emollient that helps to keep skin smooth and soften. It reduces Trans epidermal water loss and keeps the moisture sealed into the hair. It acts as solvent, conditioning and masking agent for skin and hair.

### Application:

It is used in sun care, makeup, Creams, Hair care, baby products...etc.

### Storage:

In a cool, and dry place away from direct sunlight, and heat, and tightly sealed containers at 10-25°C.

### Dosage:

1-10%

### Shelf time:

2 years