

**Filtered Neutral Oil**  
Technical Data Sheet



**Product Identification**

Filtered Neutral Oil is a refined grade of castor oil having a very low acid value making this product ideal for applications where a low acid value is required.

Filtered Neutral Oil is also available as DRY – FNO with a moisture content of 0.02% maximum.

| <b>Physical Properties</b> | <b>Property</b>                    | <b>Value</b>                                       |
|----------------------------|------------------------------------|--|
|                            | <b>Composition</b>                 | Approximately, 90% Triglyceride of Ricinoleic Acid |
|                            | <b>Molecular Weight</b>            | 928  |
|                            | <b>Form</b>                        | Clear viscous hazy liquid                          |
|                            | <b>Acid Value</b>                  | 0.5  |
|                            | <b>Color, Gardner</b>              | 1  |
|                            | <b>Density, lbs./gal, 25°C</b>     | 7.98   |
|                            | <b>Fire Point, COC, °F</b>         | 605  |
|                            | <b>Flash Point, COC, °F</b>        | 555  |
|                            | <b>Hydroxyl Value</b>              | 164  |
|                            | <b>Iodine Value</b>                | 86   |
|                            | <b>Moisture Content, %</b>         | 0.2  |
|                            | <b>Pour Point, °F</b>              | -10  |
|                            | <b>Refractive Index</b>            | 1.4775   |
|                            | <b>Saponification Value</b>        | 180  |
|                            | <b>Specific Gravity, 25°C/25°C</b> | 0.959  |
|                            | <b>Viscosity, 25°C, Stokes</b>     | 7.3  |

**Applications**

- Polyurethane Systems
- Lubricants
- Chemical Intermediates
- Soluble in alcohols (hot), esters, ethers, ketones and aromatic hydrocarbons
- Partially soluble in aliphatic hydrocarbons, insoluble in water

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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