

# Specification

Technical Data Sheet

**CAS****8001-31-8****STORAGE****Ambient****PRODUCT****Coccus nucifera oil****Product number** 90034881**CAS number** 8001-31-8**PARAMETER****SPECIFICATION**

|                                            |                                       |
|--------------------------------------------|---------------------------------------|
| <b>Appearance</b>                          | Light yellow to yellow viscous liquid |
| <b>Density</b>                             | 0.715 - 0.998                         |
| <b>Refractive Index</b>                    | 1.404 - 1.459                         |
| <b>Acid Value (mg KOH/g)</b>               | 1.00 - 31.00                          |
| <b>Optical Rotation</b>                    | -38° to -17°                          |
| <b>Saponification Value (mgKOH/g)</b>      | 187 - 265                             |
| <b>Iodine value (g I<sub>2</sub>/100g)</b> | 53 - 65                               |
| <b>Palmitic acid</b>                       | ≥20%                                  |
| <b>Stearic acid</b>                        | 10.5 - 11.5%                          |

**SPECIFICATION  
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

**STORAGE**

Store as indicated on the product label, away from light, moisture and incompatible materials.

**Molekula Ltd** would like to thank you for your support of our products and service.

Reg No 6879903 VAT GB 744 9721 05