

# Specification

Technical Data Sheet

|                               |                                  |                                          |
|-------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>629-73-2</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>224.42</b> |
|-------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****1-Hexadecene**

|                          |              |
|--------------------------|--------------|
| <b>Product number</b>    | 90038406     |
| <b>CAS number</b>        | 629-73-2     |
| <b>Molecular formula</b> | C16H32       |
| <b>Molecular weight</b>  | 224.42 g/mol |

| PARAMETER                                       | SPECIFICATION                 |
|-------------------------------------------------|-------------------------------|
| <b>Branched and internal olefins</b>            | ≤9.0%                         |
| <b>Total N-Alpha olefin</b>                     | ≥92.0%                        |
| <b>Total paraffins</b>                          | ≤0.20%                        |
| <b>Appearance</b>                               | Colourless transparent liquid |
| <b>Density</b>                                  | 0.776-0.785                   |
| <b>Colour (Pt-Co)</b>                           | ≤5                            |
| <b>Water</b>                                    | ≤100ppm                       |
| <b>C18 and higher</b>                           | ≤4.0%                         |
| <b>Carbon chain composition C14 &amp; below</b> | ≤4.0%                         |
| <b>Carbonyl Compounds</b>                       | ≤15ppm                        |
| <b>C16</b>                                      | ≥95.0%                        |
| <b>Peroxides</b>                                | ≤3ppm                         |

**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.

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

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