



# Specification – Methyl Ethyl Ketone

## Specification for

## Product Code

## Methyl Ethyl Ketone

## MEKEGEN

## Other chemical names

Butan-2-one, 2-Butanone, Ethyl methyl ketone,  
Ethylmethylketone, Methyl ethyl ketone, MEK,  
Methylpropanone, Methylacetone

| Standard Specifications                         |         |                                 |                    |       |
|-------------------------------------------------|---------|---------------------------------|--------------------|-------|
| Properties                                      | Units   | Methods                         | Specification      |       |
|                                                 |         |                                 | Min                | Max   |
| Appearance                                      | -       | Visual                          | Clear and Bit free |       |
| Purity                                          | % (w/w) | GC/ATSM 3545                    | 99.5               | -     |
| Assay                                           | % (w/w) | -                               | Not recorded       |       |
| Density at 15 °C (Approx 60°F)                  | kg / L  | ASTM D 4052/ASTM D 3505         | Not recorded       |       |
| Density at 20 °C                                | kg / L  | ASTM D 4052                     | 0.803              | 0.807 |
| Distillation range                              | °C      | ASTM D 1078/IP 195/ASTM D 850   | Not recorded       |       |
| Initial Boiling Point (IBP)                     | °C      | ASTM D 1078/ASTM D 86           | Not recorded       |       |
| Dry Point (DP)                                  | °C      | ASTM D 1078/ASTM D 86           | Not recorded       |       |
| Flash point                                     | °C      | EN ISO 13736/ASTM D 93/IP 170   | Not recorded       |       |
| Colour (Pt-Co/Hazen)                            | Pt-Co   | ASTM D 1209                     | -                  | 10    |
| Colour (Saybolt)                                | -       | ASTM D 156                      | Not recorded       |       |
| Water content                                   | % (w/w) | ASTM D 1364                     | -                  | 0.1   |
| Water miscibility                               | % (w/w) | ASTM D 1722                     | Not recorded       |       |
| Acidity as Acetic Acid - (CH <sub>3</sub> COOH) | % (w/w) | ASTM D 1613                     | -                  | 0.003 |
| Acidity mg. NaOH/100 ml                         | -       | ASTM D 847                      | Not recorded       |       |
| Refractive index at 20 °C                       | -       | ASTM D 1218                     | Not recorded       |       |
| Aromatics                                       | % (v/v) | CSL 606-17/ASTM D 6563          | Not recorded       |       |
| Non-aromatics                                   | % (v/v) | ASTM D 2360                     | Not recorded       |       |
| Free from SH <sub>2</sub> & SO <sub>2</sub>     | -       | ASTM D 853                      | Not recorded       |       |
| Odour                                           | -       | IWG IH 90-2                     | Not recorded       |       |
| Residue on evaporation                          | g / L   | ASTM D 1353/IBES 07/ASTM D 1296 | Not recorded       |       |
| Additional Specifications                       |         |                                 |                    |       |
| None for this product                           | -       | -                               | -                  |       |

Where multiple methods are listed, the testing method may vary between batches. There may not be data for all tests listed.  
This data is correct and reliable to the best of our knowledge and provided in good faith but without guarantee. It is the responsibility of the customer to ensure that the product is suitable for their end use and to ensure its correct handling.  
Please refer to the product Safety Data Sheet for health, safety and environmental information, or contact us for further information.