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## Typical Product Specifications & Properties

# 2-methyl undecanal

CAS Number: : 110-41-8

| Specifications   | Limits                                                             |
|------------------|--------------------------------------------------------------------|
| Density          | 0.821 0.06 gcm3                                                    |
| Assay            | 98.00 to 100.00 %                                                  |
| Boiling Point    | 171.00 °C. @ 760.00 mm Hg                                          |
| Acid Value       | 2.00 max. KOH/g                                                    |
| logP (o/w)       | 4.97                                                               |
| Odor Type        | aldehydic                                                          |
| Odor             | Gassy, diffusive, metallic, waxy, with coumarin and citrus nuances |
| Refractive Index | 1.43000 to 1.43600 @ 20.00 °C                                      |
| Shelf Life       | 12 month(s) or longer if stored properly                           |
| Specific gravity | 0.82200 to 0.83000 @ 25.00 °C                                      |
| Pounds/Gallon    | 6.840 to 6.906                                                     |
| Boiling Point    | 233.00 °C. @ 760.00 mm Hg                                          |



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| Specifications     | Limits                                                                               |
|--------------------|--------------------------------------------------------------------------------------|
| Vapor Pressure     | 1.430000 mm/Hg @ 25.00 °C                                                            |
| Flash Point        | 200.00 °F.TCC                                                                        |
| Storage            | store in cool, dry place in tightly sealed containers, protected from heat and light |
| Storage            | store under nitrogen                                                                 |
| Appearance         | colorless to pale yellow clear liquid                                                |
| Vapor Density      | >1                                                                                   |
| Taste              | Waxy, fatty, metallic, with citrus nuances                                           |
| Insolubility       | in glycerin and water                                                                |
| Molecular weight   | 184.32                                                                               |
| Color              | colorless to slightly yellow liquid                                                  |
| Solubility         | alcohol, fixed oils, propylene glycol, aliphatic solvs.                              |
| Chemical Structure |   |



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