

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

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| Product: | trans, trans-2,4-Hexadienal, Natural |
| FEMA No: | 3429 |
| CAS No: | 142-83-6 |
| CFR No: | 117 |
| Empirical Formula: | C₆H₈O |
| Chemical name or Synonym: | Sorbic aldehyde, sorbaldehyde |
| Declaration in USA: | Natural |
| EEC: | - |
| Appearance: | Clear yellow liquid |
| Odor: | Sweet, green, fruity, citrus and waxy |
| Boiling Point: | ~170°C |
| Flash Point: | ~54°C |
| Specific Gravity @ 25°C: (for liquids only) | 0.888-0.902 |
| Refractive Index @ 20°C: (for liquids only) | 1.538-1.545 |
| Purity (GLC): | 97% Min (sum of isomers) |
| Solubility: | Soluble in ethanol, slightly soluble in water, miscible in oils |
| Storage and Shelf Life: | Store under nitrogen in cool conditions away from light and ignition sources. Recommended storage in unopened containers - 12 months shelf life |

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