

Technical Data Sheet

Basic information

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|------------------|-------------|--------------------|---|
| Chemical name | 1-Hexene | Formula | CH ₃ CHOHCH ₂ OH |
| Synonyms | Butylethene | Chemical structure |  |
| CAS.No. | 592-41-6 | | |
| EINECS No. | 209-753-1 | | |
| Molecular weight | 84.16 | | |

Physical properties

| | |
|---------------------------------|--|
| Appearance | Clear,colorless liquid |
| Density,20°C, g/cm ³ | 0.678 |
| Boiling point,°C | 60~66 |
| Melting point,°C | -140 |
| Flash point,°F | -19 |
| Refractive index | 1.388 |
| Solubility | Soluble in alcohol, ether, benzene, petroleum ether, chloroform, insoluble in water. |

Specification

| Items | Specification | Results |
|---------------|------------------------|----------|
| Appearance | Clear,colorless liquid | Complies |
| C6 | ≥100.0% | 100% |
| 1-Hexene | ≥99.0% | 99.50% |
| Water content | ≤0.05% | 0.012% |
| Other olefins | ≤1.0% | 0.6% |
| Hyperoxide | ≤0.5ppm | 0.2ppm |
| Color Aph-no | 10 | 10 |

Application

| | |
|---------|--|
| Solvent | <ol style="list-style-type: none"> 1.For the synthesis of resins, spices and dyes 2.Used as polyethylene comonomer, as well as the manufacture of dyes, detergents, pharmaceuticals and pesticides and other raw materials, but also as oil additives and high octane fuel 3.Used in the manufacture of spices, dyes and synthetic resins |
|---------|--|

Package

- 140kg/drum, 11.2mt per 20'ft;
- 15mt/ISO TANK



Safety on transportation

It belongs to the class 3 dangerous product, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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