



**CAS Number:** 63885-09-6  
**FEMA Number:** 4498  
**FLAVIS Number:** 05.225  
**GB Number:** Not Listed

## APPLICATION

**Taste Description:** Fresh, juicy, citrus character reminiscent of grapefruit juice and orange essence oil.

**Flavor Use:** Adds fresh grapefruit juice character to a variety of applications especially beverages. Blends very well with nootkatone. Occurs naturally in orange juice essence oil so it will enhance fresh squeezed juice notes in any citrus flavor, including orange, tangerine, grapefruit, pomelo & yuzu.

## DETAILS

**Molecular Weight:** 128.22  
**Molecular Formula:** C<sub>8</sub>H<sub>16</sub>O  
**Chemical Name:** 6-Methyl Heptanal  
**Suggested Use Level:** 50 PPB – 5 PPM

## SPECIFICATIONS

**Minimum Purity:** 98.0% (sum of isomers)  
**• Main Isomer:** Not applicable  
**• Secondary Isomer:** Not applicable  
**Appearance:** Colorless to pale yellow liquid  
**Additives:** Synthetic alpha tocopherol at 0.50%

## TECHNICAL

**Log P:** 2.707  
**Flash Point:** 122°F (CC)  
**Boiling Point:** 163.14°C (EPI 4.0)  
**Vapor Pressure:** 1.54 mmHg at 20°C  
**Solubility:** Slightly soluble in water  
**Nature Identical:** Yes  
**Kosher:** Yes  
**Halal:** Yes

## NOTES

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