

Product Information

2-Ethylhexanoic Acid

Product Description:

2-Ethylhexanoic acid is a colorless, transparent liquid with a faint odor. It is slightly soluble in water. It can be industrially produced from propylene which can be renewably produced.

Applications:

2-Ethylhexanoic acid is used as a starting material to produce polyol ester oil which is mainly used as a synthetic lubricant in refrigerant systems. 2-Ethylhexanoic acid and its metal salts are used to produce a variety of functional fluids including polymer production catalysts, plasticizers in PVC production, corrosion inhibitors in coolants, stabilizers, wood preservatives and to produce lubricant additives. The zinc salt of 2-ethylhexanoic acid is used as a corrosion inhibitor in lubricants and hydrogen sulfide scavenger.

Chemical Formula:

$C_8H_{16}O_2$

CAS No. :

149-57-5

Specifications:

Parameters (units)	Specifications
Appearance	Colorless transparent liquid
Acid number (mg KOH/g)	≥ 385
2-Ethylhexanoic acid (%)	≥ 99.5
Moisture content (%)	≤ 0.1
Color (Platinum-Cobalt)	≤ 10
Density at 20 °C (g/cm ³)	0.906 - 0.908
Boiling point, at 760 mm Hg (°C)	Approx. 223
Freezing point, at 760 mm Hg (°C)	Approx. -118
Flash point, closed cup (°C)	Approx. 118.3
Refractive index	Approx. 1.425
Viscosity, at 25 °C (cP)	Approx. 8

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Packaging:

Material is available in 185 kg HDPE drums, 900 kg IBCs and 20 MT ISO containers. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place in sealed, original packaging away from direct sunlight.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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