

# 2-Ethylhexanol Pro 25

2-Ethylhexanol with 25% certified renewable carbon content

## Product Description

2-Ethylhexanol Pro is a renewable drop-in replacement for 2-Ethylhexanol, ready to be used in existing formulations. Based on a traceable mass balance concept, this Pro-Environment product is designed to reduce the carbon footprint throughout the value chain and to support sustainable sourcing of renewable and recycled raw materials.

2-Ethylhexanol Pro has 25% renewable carbon content and carries the ISCC PLUS certification. This ensures that raw materials used are sourced responsibly and sustainably from cradle to gate. The certification includes a calculation of greenhouse gas values.

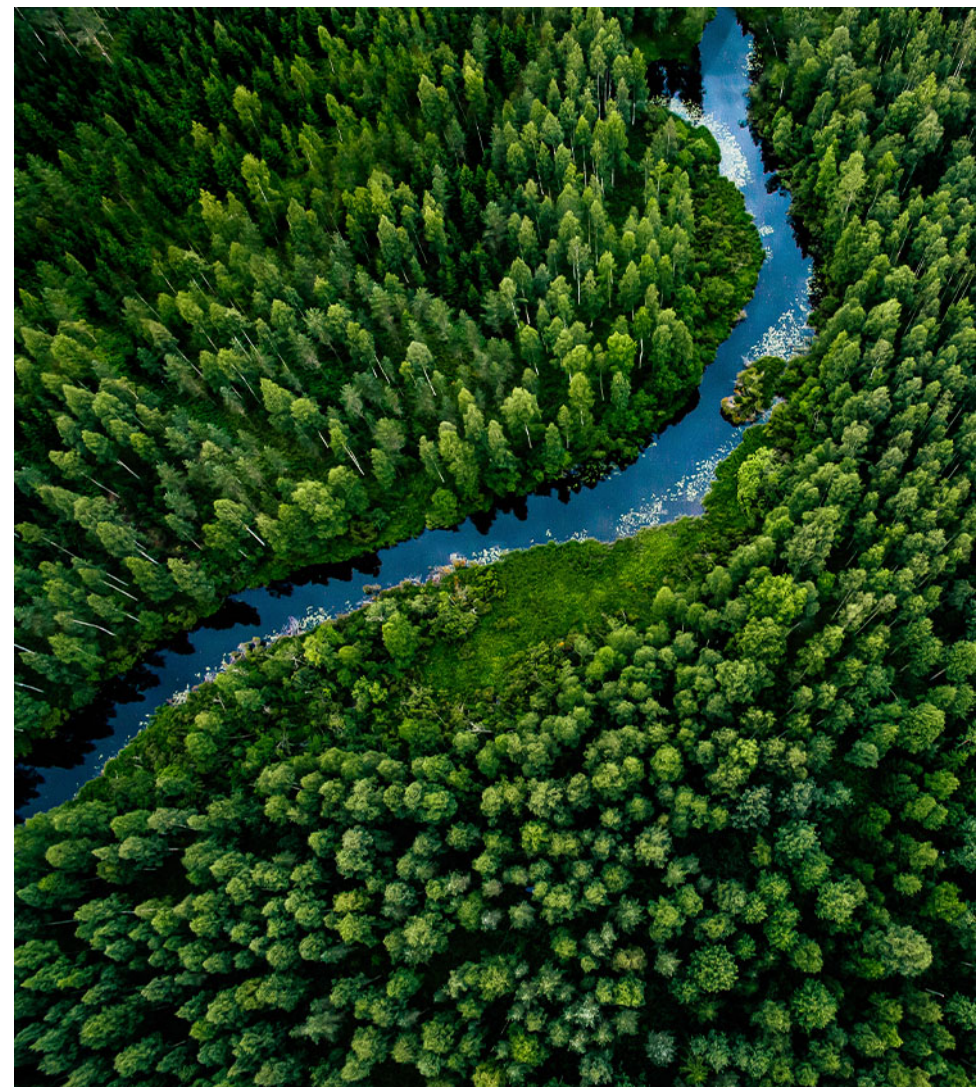
2-Ethylhexanol is widely used in the production of dioctyl phthalates in vinyl applications, acrylates and 2-ethylhexyl nitrate as cetane number improver. It has one primary hydroxyl group. It is a colorless liquid soluble in most organic solvents.

## Segment Applications

Dioctyl phthalate, Acrylates, 2-ethylhexyl nitrate, Lubrication oil additives, mining chemicals, special plasticizers, herbicides, ester oils (non-vinyl)

## Delivery Forms

Liquid in bulk containers, 195 kg drums, 853 kg IBCs, Iso Containers, Flexi Containers



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## Sales Specification

Characteristics	Unit	Specification	Analytical Method
Color	Hazen	Max. 5	ISO 2211- ASTM 1209
Purity as water-free	%	Min. 99.6	GC
Water by wt	%	Max. 0.05	ASTM E 1064
Acid as acetic by wt	%	Max. 0.002	ISO 1385/IV- ASTM D 1613
2-Ethylhexanal	ppm	Max. 200	GC

## General Characteristics

Characteristics	Unit	Typical Value <sup>1</sup>
Molecular weight	g/mol	130.2
Boiling range	°C	183-186
Density at 20 °C	kg/m <sup>3</sup>	832-833

1. Typical values are for information only and not part of sales specification

### Pro-Environment Information

Renewable carbon content is 25% based on mass balance concept.

Calculated GHG\* values:

Cradle to Gate: 1.7 kg CO<sub>2</sub> eq/kg 2-EH Pro

Cradle to Grave: 3.7 kg CO<sub>2</sub> eq/kg 2-EH Pro

Cradle to Grave is calculated as Cradle to Perstorp gate + end of life assuming all carbon is converted to CO<sub>2</sub>.

ISCC PLUS certified product.

*\*Above stated GHG values are updated on a yearly basis and should be seen as guiding values. Actual values may differ over the year and are stated in the Sustainability declaration document*

### Handling and Storage

Perstorp recommends storing 2-Ethylhexanol in stainless steel or aluminum containers. Storage under a nitrogen atmosphere is recommended. The maximum storage temperature has not been determined, but when stored as recommended temperatures up to 40°C should present no problem.

CAS No.: 104-76-7  
HS No.: 2905 16  
REACH registration No.  
01-2119487289-20-0003



Effective date: March 8, 2022

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