

2-Ethylhexanol

Product Description

2-Ethylhexanol has one primary hydroxyl group. It is a colorless liquid which is soluble in most organic solvents.

Segment Applications

2-Ethylhexanol is widely used in the production of dioctyl phthalate (vinyl applications), acrylates, 2-ethylhexyl nitrate, lubrication oil additives, mining chemicals, special plasticizers, herbicides and ester oils (non-vinyl application areas).

Delivery Forms

Liquid in bulk containers, 195 kg drums, 835 kg IBCs, Iso Containers, Flexi Containers

2-Ethylhexanol

Sales Specification

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

General Characteristics

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

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

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 is unlikely to present any problem.

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

Effective date: April 12, 2024

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