

Technical data sheet

2-Ethylhexyl acetate (2EHA)

Version: February 2009

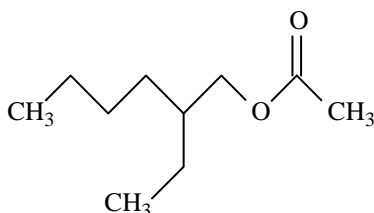
Synonyms

2-Ethylhexyl acetate.

Formula

$C_{10}H_{20}O_2$

Structural formula



Molecular weight: 172.27

CAS number

103-09-3

EINECS number

203-079-1

Product specification

Characteristics	Unit	Value	Method*
Appearance		Clear Liquid, free from suspended matter	Visual
Colour	APHA/Hazen	<=10	AM 018
Odour		Characteristic	AM 074
Acidity as acetic acid	%	<= 0,01	AM 006
Water content	%	<= 0,1	AM 023
Ester content	%	>= 99,0	AM 999

* Internal methods available upon request.

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Typical properties

Characteristics	Unit	Value
Boiling point @ 760 mmHg	°C	199
Density @ 20 °C	g/ml	0.873
Melting Point	°C	-93
Flash point (closed cup)	°C	82

Main applications

Main applications for 2EHA :

- 2EHA is a high boiling ester, suitable for using in nitrocellulose and other synthetic lacquer formulation;
- 2EHA is an excellent film-forming agent in emulsion finishing for textiles, leather and similar products.

Handling

Packaging: Steel drums 180 kg net.
IBC 900 kg net
Bulk

Storage: The packaged material shall be kept into its original packaging, in cool and well ventilated place, neither under rain nor in wet places, away from flames and heating sources. The bulk material shall be stored in stainless steel tanks, under nitrogen blanketing; for a long lasting quality the material shall be kept at ambient temperature (ideally not above 30°C) and away from any flame or concentrated heat source

Shelf life: 5 years from production date.

Certifications: Kosher: UK
Halal: UK

The information contained in this sheet is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of going to press. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing stated here may be taken or construed as implying of any existing patents. Nor is any warranty, whether explicit or implicit, given with regard to results to be obtained through the use of the aforesaid information.

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