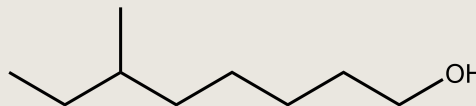


ISONONANOL (INA)

ISONONYL ALCOHOL



The structure is simplified and shows only one of several isomers contained in the product.

REGULATORY INFORMATION

CAS no. 27458-94-2
REACH no. 01-2119436678-26-0000

APPLICATIONS & PROPERTIES

Isononanol is a mixture of low branched C9 oxo alcohols.

TRANSPORT & LOGISTICS

Delivery in barges and sea-going vessels, tank containers, tank cars, and rail tank cars.

APPLICATION FIELDS

- Alcohol component for high quality plasticizers
- Starting material for surfactants

SPECIFICATION

Merkmal	Wert	Einheit	Methode
Isononanol	min. 99.0	area %	Evonik, GC *
2-Ethylhexanol	max. 200	ppm	Evonik, GC *
Alcohols > C9	max. 1	area %	Evonik, GC *
Color (Pt-Co)	max. 10	mg Pt/l	DIN EN ISO 6271
Acid number	max. 0.05	mg KOH/g	DIN EN ISO 2114
Water	max. 0.1	mass %	DIN 51 777

* in-house method

LITERATURE AND TYPICAL DATA

Property	Value	Unit	Method
Appearance	Clear liquid		visual inspection
Molar mass	144	g/mol	
Dynamic viscosity, 20 °C	13.2	mPa s	DIN EN ISO 3104
Refractive index, 20 °C	1.4362		DIN 51 423/2
Density, 20 °C	0.83	g/cm ³	DIN 51 757
Solubility in water, 20 °C	0.25	g/l	literature data

Disclaimer

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