

Isotridecyl Alcohol (ITDA)**CAS NO.**

27458-92-0

APPLICATIONS & PROPERTIES**ELUCARE[®] TD is a pure C13 Oxo alcohol.****TRANSPORT & LOGISTICS**

The product is available in tank trucks, tank containers, IBCs und drums (200l).

APPLICATION FIELDS

ELUCARE[®] TD is used as starting material for manufacturing of surfactants, plasticizers, specialty esters, as well as special solvent.

SPECIFICATION

Property	Value	Unit	Method
Alcohol content	min. 99	% by mass	Evonik, GC*
Colour (APHA, Hazen)	max. 5	mg Pt/l	DIN EN ISO 6271 / ASTM D 1209
Acid number	max. 0.1	mg KOH/g	DIN EN ISO 2114 / ASTM D 664
Water	max. 0.1	% by mass	DIN 51 777 / ASTM E 203
Carbonyl No.	max. 0.1	mg KOH/g	ASTM D 2192
Hydroxyl number	270 - 290	mg KOH/g	DIN 53240
Saponification No.	max. 0.3	mg KOH/g	DIN EN ISO 3681

PHYSICAL DATA (LITERATURE DATA)

Property	Value	Unit	Method
Molar mass	200.36	g/mol	–
Density, 20°C	0.84	g/cm ³	DIN 51 757 / ASTM D 4052
Viscosity, 20°C	40	mPa s	DIN 51562 / ASTM D 445
Flash point	128	°C	DIN EN ISO 2719
Refractive index	1.447		DIN 51423/2
Ignition point	270	°C	DIN 51 794 / ASTM E 659

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Oxeno GmbH & Co. KG

Paul-Baumann-Straße 1

45772 Marl

C4-chemicals@evonik.com

www.evonik.com/c4-chemicals