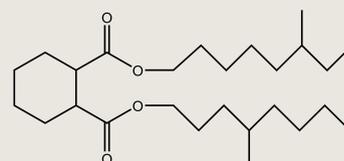


DI-ISONONYL-1,2-CYCLOHEXANOATE (DINCH)

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

REGULATORY INFORMATION

CAS no. 166412-78-8 (Outside USA); 474919-59-0 (US/TSCA)
REACH no. 01-0000017810-74

APPLICATIONS & PROPERTIES

ELATUR[®] CH is a universal plasticizer especially for sensitive applications.

PRODUCT SPECIFIC FEATURE

Modern plasticizer with particularly low viscosity and very good cold flexibility.

APPLICATION FIELDS

- Plasticizer for PVC
- Flexibilization of paints, varnishes, and adhesives

TRANSPORT & LOGISTICS

Delivery in flexi-bags, tank cars, and tank containers.

SPECIFICATION

Property	Value	Unit	Method
Color (Pt-Co)	max. 40	mg Pt/l	DIN EN ISO 6271
Dynamic viscosity, 20 °C ¹⁾	44 - 60	mPa s	DIN EN ISO 3104
Density, 20 °C ¹⁾	0.944 - 0.954	g/ml	DIN 51 757
Refractive index, 20 °C ¹⁾	1.460 - 1.466		DIN 51 423/2
Acid number	max. 0.05	mg KOH/g	DIN EN ISO 2114
Ester content	min. 99.5	area %	Evonik, GC ²⁾
Water	max. 0.1	mass %	DIN 51 777
Phthalate content	max. 0.01	mass %	Evonik, UV ²⁾

¹⁾ checked at regular intervals ²⁾ in-house method

LITERATURE AND TYPICAL DATA

Property	Value	Unit	Method
Appearance	Clear liquid		visual inspection
Molar mass	424	g/mol	
Solution temperature (S-PVC, K value 82)	155	°C	video-based analysis ³⁾

³⁾ in-house method

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.

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