

Technical data sheet DN/0003

ECOS

Thinner – of vegetable origin, VOC exempt



Description

Ester of natural origin, derived from coconut oil.

ECOS is a strong polar solvent with a high flashpoint and an excellent compatibility with the environment.

Characteristics

ECOS is an ideal substitute for traditional solvents, alcohol and glycol esters.

It substitutes turpentine such as : D-limonene and essence of turpentine.

Ideal for diluting vegetable oils (linseed, poppy seed etc.) and waxes.

Excellent detergent qualities, powerful de-greaser and practically odourless.

This product is VOC free and non flammable.

Solubility

Aniline point DIN 51751 : < -17 °C

Kauri-butanol value, ASTM D113 : 66

Packaging and storage

Flasks of 1 lt and cans of 5 and 25 lt.

For storage, apply the normal regulations regarding chemical products.

ECOS is non flammable and has no requirement to be labelled as a dangerous substance.

ECOS keeps its properties intact for 24 months, if protected from cold and heat and kept in original sealed containers.

Disposal

Dispose of the product according to local health and safety regulations. Empty containers must be recycled.

Physical characteristics

Test Method		Unit	Typical	Specification
DIN 51558-1	Acid number	Mg KOH/g	0.1	Max 1.0
DIN 53240	Hydroxyl value	Mg KOH/g	< 1.0	-
DIN 51757 (4)	Density 20° C	Kg/m ³	854	850-858
ISO 6271	Colour, APHA	-	10	max. 40
Visual	Appearance	-	clear liquid	clear liquid
ISO 3016	Pour point	°C	-8	-
ISO 2719	Flash point	°C	138	>110
ISO3104	Dynamic viscosity, 25°C	mPa s	3.4	-
Sensory	Odour	-	mild	-
DGF C V11D	Iodine value	gl ₂ /100g	<1	-
DIN 51777-1	Water content	% w/w	0.02	-
ASTM D 86	Boiling range	°C	270-280	-

Date: 27/09/19

The advice and indications given above are based on our experience and are of an informative nature and do not bind us to any responsibility. The application of the product takes place without our direct control, the user therefore takes all responsibility for any consequence of use. Our technical assistance team is available for any further information that might be necessary.