

TECHNICAL DATA SHEET

Effective date: 11.2022

Dicaprylyl Carbonate

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Dicaprylyl Carbonate
Chemical description	Emollient. Diester of caprylyl alcohol and carbonic acid
Physical form:	Clear, colorless, almost odorless oil of low polarity with low molecular weight
Molecular weight	286 g/mol

TECHNICAL DATA

Physical parameters

Appearance at room temperature	Corresponds to the standard
Odor at room temperature	Corresponds to the standard
Carbonic acid dioctylester	96 - 100 %
Acid value	0.0 - 0.2 mg KOH/g
Density (20 °C)	0.890 - 0.893 g/cm ³
Tocopherol	0.02 - 0.05 %
Refraction index (20 °C)	1.435 - 1.437

Biological parameters

Aerobic Bacterial Count	< 100 cfu/g
Yeasts and Molds	< 10 cfu/g
Enterobacteries	absence

Product Properties: Solubility

Ethylether:	very soluble
-------------	--------------

TECHNICAL DATA SHEET

Effective date: 11.2022

Dicaprylyl Carbonate

Chloroform:	very soluble
Petrolether:	very soluble
Ethylalcohol:	very soluble
Paraffin oil:	very soluble
Water:	practically insoluble

TRANSPORT, STORAGE and SHELF LIFE

Shelf Life	Min 24 months in recommended storage conditions. Store in a cool, dry, ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.
------------	--

LEGISLATION

Certification	Cosmos approved at manufacturer
CMR	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
GMO	Manufactured neither from nor by GMOs as those terms are used in Articles 2 and 9 of Council Regulation (EC) N°834/2007.
CAS	1680-31-5

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.