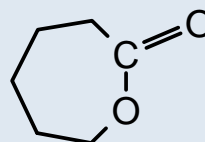


Product Name:

epsilon-Caprolactone, CLO

CAS-Number:

502-44-3

Chemical Structure:**Physical Constants,
pure chemical:**

molecular mass:	114.1 g/mol
melting temperature:	- 1.5 °C
boiling temperature (20 hPa):	90 – 97 °C
density (20 °C):	1.078 g/cm ³

Purity:

assay:	min. 99 % (GC)
water content:	max. 500 ppm (DIN 51777)

Registration:

EINECS, TSCA, ENCS/ISHL

Safety:

Xi; R 36, S 26

Application Field:

Building block for resins (e.g. saturated polyester and unsaturated polyesters)

Modifier for OH-acrylic resins, OH-polyester resins and epoxy resins

Building block for polymers by ring-opening reactions with polyols or with water (Capromer[®])

Coatings Technology:

epsilon-Caprolactone can be used as an intermediate for two-components paints for plastic coatings and automotive repair coatings, for polyurethane dispersions for water-borne coatings and for UV-coatings.

Special Properties:

With a combination of flexibility and hardness (toughness) epsilon-Caprolactone can provide special mechanical properties in segmented polymers.

Important:

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