



# CICO® Thinner K

BIODEGRADABLE THINNER



## Product benefits

- highly effective thinner
- dissolves gummed grease residues
- cleans the surface
- high capillary action; penetrates microscopic pores and crevices
- creeps under water and forms a protective film against moisture
- does not attract dust and dirt
- biodegradable (over 80% according to CEC-W-33-TL-82)
- environmentally friendly, no dangerous material



## Description

**CICO® Thinner K** is a biodegradable, synthetic thinner. It does not contain petroleum derivatives or silicone additives. Due to its excellent dissolving properties, the thinner is generally effective as a solvent from -45 °C to + 200 °C. It is used to remove gummed grease residues from a wide variety of metal parts and as a solvent for all greases (not for fluorinated chemicals).

**CICO® Thinner K** has been specially developed for thinning the assembly paste **CICO® SM 1200 B**. It facilitates the use of the **CICO®** pastes **SM 1200 B**, **SM 1600 B** and **AS 14** and if necessary **CICO®TL 22 B**, **CICO®TL 1500 B**, **CICO®TL 1600 B**, **CICO®RS 20 B** and other CICO products. The fluid mixture has an excellent capillary effect and penetrates into the pores of the metal surface. The low dynamic coefficient of friction (0.1) of the diluted assembly paste results in very good sliding properties, so that **CICO® SM 1200 B** is suitable for the lubrication of moving parts that are also exposed to high vibrations and shock loads (e.g. joints, bolts, etc.).

## Application information

**CICO® Thinner K** is a generally highly effective cleaning agent and solvent.

**CICO® Thinner K** as a thinner for the pastes **CICO® SM 1200 B**, **CICO® SM 1600 B** and **CICO® AS 14**. The pastes can be thinned with **CICO® Thinner K** up to a maximum of 20%. A dilution of more than 20% could affect the adhesion to the metal and is not recommended for machine parts with high loads.

**CICO® Thinner K** is supplied in 5 kg and 10 kg containers. Other container sizes on request.

## Technical specifications

Substance name	CICO® Thinner K
Physical state	liquid
Density (at 25°C)	0.8 g/cm <sup>3</sup>
Viscosity (at 40°C)	28 mm <sup>2</sup> /s
Solubility in water (at 24°C)	insoluble
Flashpoint	244°C
Auto-ignition temperature	350°C
Decomposition temperature	>350°C
Hazardous decomposition products	carbon monoxide
Dangerous reactions	none
Biodegradable (CEC-L-33-A-94)	>90% (base oil)
Water hazard class (WGK)	1
Disposal (AVV)	130207
Transport	no dangerous goods
Storage stability	at least 2 years