



Metall-Chemie GmbH &amp; Co. KG – Postfach 10 44 03 – D-20030 Hamburg

Responsible Care  
Verantwortliches Handeln

A company with Quality Management System

## TC® 50

- Product description:** TC® 50 is an organic polycarboxylic acid in form of a white powder (50% active ingredient / 50% water)
- Packaging:** 25 kg net bags on pallets of 875 kg
- Performance:** Grade 0 (DIN 51360/2)  
Stock solution, 2% in water (50 parts of TC® 50 and 50 parts of triethanolamine)
- Shelf life (under dry and cool conditions):** 1 year
- Use and application:**
- Corrosion inhibitor for water based lubricants and functional fluids. Typical dosage: 0.25 - 1.1%
  - Metal working fluids (semi-synthetic and synthetic)
  - Biodegradable water based hydraulic fluids (HFS)
  - To be formulated with KOH and/or alkanolamines
- Typical treat level:** 0.25 - 1.1%
- Benefits:**
- Ashfree corrosion inhibitor for multimetal systems
  - Extremely low foaming tendency and excellent air release
  - Excellent compatibility with other corrosion inhibitors
  - Aquatic Toxicity Chronic 4
  - Low water hazard
- REACH status:** Registration number: 01-2119972341-XX-XXXX  
Registered by Metall-Chemie by 31.05.2013  
The full registration number can be provided upon request

METALL-CHEMIE GMBH &amp; Co. KG

The safety data sheet contains the complete information about the characteristics, application, storing, first-aid-measurement, transport and proper disposal. For receiving the SDS please contact Mrs. Schöttler ([schoettler@metall-chemie.com](mailto:schoettler@metall-chemie.com)).



### Country registers for TC® 50:

Country	Register	Listed	Registration-No.
Australia	AICS	Yes	-
Canada	DSL/NDSL	Yes	-
China	IECSC	Yes	-
Europe	EINECS	Yes	279-505-5
Korea	KECI	Yes	KE-34005
Japan	ENCS	-	-
New Zealand	NZIoC	Yes	-
Philippines	PICCS	Yes	-
Taiwan	NECI	Yes	-
USA	TSCA	Yes	592535

**METALL-CHEMIE GMBH & Co. KG**

The safety data sheet contains the complete information about the characteristics, application, storing, first-aid-measurement, transport and proper disposal. For receiving the SDS please contact Mrs. Schöttler ([schoettler@metall-chemie.com](mailto:schoettler@metall-chemie.com)).