

TECHNICAL DATA SHEET

MELFLOCK® C3

Description: MELFLOCK® C3 is a dicyandiamide condensate with a high cationic charge.

Specification:

Content	48 - 52 %
pH	3.0 – 5.0 (undiluted)

Properties:

Appearance	slightly opaque liquid
Density	ca. 1.19 g/cm ³ (at 20 °C)
Viscosity	30 - 100 mPa.s (Brookfield HAT, spindle 1.20 rpm, 20 °C)
Charge	cationic
Solubility in water	freely miscible

Packaging: 1200 kg one-way container, tank truck (where applicable)

Storage Conditions: Container made of plastic e.g. reinforced fibreglass or polyethylene are suitable for storage.

Stability: At temperatures between + 5 °C and + 30 °C: 6 months (undiluted product). Protect from freezing.

Alzchem Trostberg GmbH, Dr. Albert-Frank-Straße 32, 83308 Trostberg

Contact:
Barbara Huber
Phone +49 8621 86-2668, Fax +49 8621 86-502668
barbara.huber@alzchem.com / finechemicals@alzchem.com

This information and all technical and other advice are based on Alzchem's present knowledge and experience. However, Alzchem assumes no liability for such information or advice, including the extent to which such information or advice may relate to third party intellectual property rights or to laws and provisions. Alzchem reserves the right to make any changes to information or advice at any time, without prior or subsequent notice. ALZCHEM DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, AND SHALL HAVE NO LIABILITY FOR MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR A PARTICULAR PURPOSE (EVEN IF ALZCHEM IS AWARE OF SUCH PURPOSE), OR OTHERWISE. ALZCHEM SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. It is the customer's sole responsibility to arrange for inspection and testing of incoming products by qualified experts. Reference to trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used.

TECHNICAL DATA SHEET

Application fields: Anionic trash: Fixing of anionic particles and dispersed binder/filler as micro flocks to the fibre; catching of hydrophobic uncharged byproducts by formed neutral micro flocks. Significant reduction of COD load.

Wire conditioning: Reduction of pitch particles on plastic wires; cost savings by reduced wire and felt cleaning.

Cationization of fillers: Improvement of the filler retention by support of other cationic substances and generation of a cationic pitch absorber.

Fixation of dyestuffs: Fixation of anionic dyestuffs.

Registration: MELFLOCK® C3 corresponds to the 36th recommendation of the German Federal Institute for Risk Assessment (BfR).

Certificates: <https://www.alzchem.com/en/quality-environment>
SDS: <https://www.alzchem.com/en/product-finder>

Alzchem Trostberg GmbH, Dr. Albert-Frank-Straße 32, 83308 Trostberg

Contact:

Barbara Huber

Phone +49 8621 86-2668, Fax +49 8621 86-502668

barbara.huber@alzchem.com / finechemicals@alzchem.com

This information and all technical and other advice are based on Alzchem's present knowledge and experience. However, Alzchem assumes no liability for such information or advice, including the extent to which such information or advice may relate to third party intellectual property rights or to laws and provisions. Alzchem reserves the right to make any changes to information or advice at any time, without prior or subsequent notice. ALZCHEM DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, AND SHALL HAVE NO LIABILITY FOR MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR A PARTICULAR PURPOSE (EVEN IF ALZCHEM IS AWARE OF SUCH PURPOSE), OR OTHERWISE. ALZCHEM SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. It is the customer's sole responsibility to arrange for inspection and testing of incoming products by qualified experts. Reference to trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used.

Edition: 01/2022 (This data sheet supersedes all previous data sheets for this product)