

Briteframe MGDA

Methyl Glycine Di Acetic acid, tri sodium salt

CAS nr: 164462-16-2

Product information

Synonyms: $C_7H_{10}NO_6Na_3$, alpha-alaninediacetic acid, tri sodium salt

Briteframe MGDA is a phosphor-free, readily biodegradable chelate and therefore prevents scaling of salts. The main component of Briteframe MGDA is readily degradable according to OECD301. It is ecotoxicologically safe and thus a green complex forming anti-scalant, replacing NTA, EDTA and phosphonic acids and phosphonates. In bleaching systems Briteframe MGDA proves a stabilizer for Britebleach SPC.

Product specifications

	40% solution
Appearance	colorless to light yellow transparent liquid
Solid content, %	40.0 min.
Density (20°C), g/cm ³	1.30
pH (1% aq)	10.0 - 12.0
Chloride content, %	4.0 max.

[Change specifications](#)

Commercial

Packaging:
25liter jerrycan, 200liter drum, 1000liter IBC, 24mt ISO tank container (bulk)
Lead time:
6 weeks

Technical

The recommended dosages per scalant are, in mg/g Briteframe MGDA dry basis:

Ca²⁺ 60mg

Cu²⁺ 95mg

Zn²⁺ 95mg

Fe²⁺ 80mg

Mg²⁺ 35mg

Mn²⁺ 80mg

Copyright Sirius International ©

The information in this datasheet is to the best of our knowledge, true and accurate. Any recommendations or suggestions are made without warranty or guarantee since the conditions of use are beyond our control.