

Briteframe GLDA

Glutamic acid, tetra sodium salt

CAS nr: 51981-21-6

Product information

Synonyms: $C_9H_9NO_8Na_4$, L-glutamic acid N,N-diacetic acid, tetra sodium salt, tetrasodium glutamate diacetate

Briteframe GLDA is a phosphor-free chelate and therefore an anti-scalant. The raw materials for Briteframe GLDA types are of natural origin (sugar). This makes it even greener than Briteframe MGDA. Briteframe GLDA is a sustainable, OECD301-readily degradable chelant.

It functions at high pH. It shows synergy in combination with biocides.

It is eco-toxicologically safe and thus a green complex forming anti-scalant, replacing NTA, EDTA and phosphonic acids and phosphonates. In bleaching systems Briteframe GLDA is a stabilizer for Britebleach SPC.

Product specifications

	38% solution	47% solution
Appearance	amber transparent liquid	amber transparent liquid
Solid content, %	38.0 min.	47.0 min.
Density (20°C), g/cm ³	1.30 min.	1.40 min.
pH (1% aq)	11.0 - 12.0	11.0 - 12.0
Chloride content, %	3.0 max.	3.0 max.
NTA	free	free

[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 GLDA dry basis:

Ca²⁺ 45mg

Cu²⁺ 72mg

Zn²⁺ 75mg

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