

CLiQSMART® RI-1

Corrosion Inhibitor

CLiQSMART RI-1 is a highly efficient liquid corrosion inhibitor for aqueous coating systems. The nitrite-free inhibitor provides both in-can and flash-rust inhibition in a large variety of aqueous coating systems.

CLiQSMART RI-1 gives superior resistance to flash-rust formation in direct-to-metal systems and is particularly recommended for aqueous protective coatings. Furthermore, it provides excellent resistance to in-can corrosion.

CLiQSMART RI-1 is easily incorporated into the coating system and works best in systems with a pH value above 8.5.

Typical values:

Appearance: clear yellow liquid
pH: ca. 9
Density: ca. 1.05 g/cm³

Level of Use / Incorporation:

CLiQSMART RI-1 can be incorporated at any production step, post addition might be preferred. Low-medium mixing forces are typically sufficient to allow a homogeneous distribution.

CLiQSMART RI-1 is typically added at a concentration between 0.5 – 2.0% on total formulation. The optimum loading level should be determined for each system using a loading ladder study.

CLiQSMART RI-1 is not sensitive to freezing. It should be stored in a cool dry place above 5°C. The minimum shelf life is 24 months when stored in unopened original packages.

For information on health and safety information, please consult the Material Safety Data Sheet.

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This information is based to best of our knowledge and on test results obtained in our laboratory. It is given in good faith and should only regard as recommendations. No warranty is given, and it is advised to all users to evaluate the products carefully for their intended use. Please also consider all further information, labels, and especially the safety data sheet! For further questions, technical service, and samples, please feel free to contact us.