

Product data sheet | CHLOROSTAIN[®] OR LIQUID

CHLOROSTAIN[®] OR Liquid is a reactive agent manufactured especially for use in the production of security papers. This product cannot be detected as applied. However, when paper treated with CHLOROSTAIN[®] OR Liquid is exposed to hypochlorite solution, such as in a commercial ink eradicator, an orange-brown stain develops. CHLOROSTAIN[®] OR Liquid is often printed on check papers with the words "fraud" or "void", which appear immediately when an ink eradicator is applied.

Application

CHLOROSTAIN[®] OR Liquid can be applied to paper by size press application or by printing. Formulations and procedures may vary over a wide range. For example, CHLOROSTAIN[®] OR Liquid can be added to a starch solution for size press application and the concentration of CHLOROSTAIN[®] OR Liquid is adjusted so that 2.0% is based on the weight of the paper. This level could be higher or could be as low as 0.25%, depending upon the depth of stain required.

A typical formulation for application by printing is a 5.0% solution of CHLOROSTAIN[®] OR Liquid in a solvent mixture of 50 parts water, 50 parts methanol.

TYPICAL PROPERTIES

Characteristics	Dark orange, tan liquid
Viscosity	< 100 cps @25°C
Density	9.5 lbs/gal @20°C
pH	~ 8.0
Solubility	Miscible
Shelf Life	6 months

The manufacture of Kemira products is within the scope of the ISO 9001 certified Quality Management System.

SAFETY PRECAUTIONS

Please see the Material Safety Data Sheet before handling the material.

Warranty. This information herein is offered as a guide and is believed to be accurate and reliable as of the date of the printing. The values given are not to be considered as a warranty and they are subject to change without prior notice. For additional information regarding our products or for information concerning current specifications, please contact our Technical Service.

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