



## TECHNICAL DATA

# HALOX<sup>®</sup> FLASH-X<sup>®</sup> 330

## *Nitrite Free Liquid Flash Rust Additive*

### Chemical Description

Alkanolamine Borate and Phosphate Salts

### Product Description

HALOX<sup>®</sup> FLASH-X<sup>®</sup> 330 is an effective, nitrite free, liquid additive used in the manufacture of water-base protective coatings for inhibition of flash rust and in-can rusting. FLASH-X<sup>®</sup> 330 has demonstrated excellent flash rust inhibitive performance on a variety of metal substrates without the use of nitrites.

HALOX<sup>®</sup> FLASH-X<sup>®</sup> 330 is a recommended choice for high gloss systems. Unlike some competitive products, FLASH-X<sup>®</sup> 330 does not detract from gloss.

HALOX<sup>®</sup> FLASH-X<sup>®</sup> 330 is easy to use and can be incorporated at any stage of coating manufacture. FLASH-X<sup>®</sup> 330 can also be easily and effectively post added to any coating system; however, as with any additive, compatibility should be checked prior to use.

### Application\*

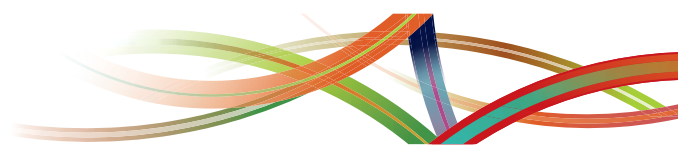
Flash Rusting	0.5-2.0%
In-Can Rusting	1.5-2.5%

\* Application recommended loading levels based on total formula weight

### Typical Properties

These are typical values and do not represent product specifications:

pH (Neat)	8.3
Specific Gravity @ 25°C	1.21
Appearance	Clear Liquid
Solids, % (ASTM D 2369)	68



### Our Manufacturing Systems are ISO 9001 and ISO 14001 Certified

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