

## Technical Leaflet

# WorléeAdd 458

Art.-No. 114010-10056

Revision: 16.11.2021

### Flash Rust Inhibitor for Water Borne, Especially Latex Based Coatings

VOC- and nitrite-free organic corrosion inhibitor to for waterborne coatings with two-step protection.

#### Technical Data:

Appearance	colourless liquid
Chemical characteristic	salts of an organic acid, nitrite-free
Active substance	approx. 38%

#### Recommended Uses:

Corrosion inhibitor to avoid formation of flash rust caused by applying waterborne coating systems on ferrous metal substrates.

On top of an "anodic" action (precipitation of an insoluble salt at the metal surface) WorléeAdd 458 is forming a film, which prevents the appearance of rust discoloration, well-known as „flash rust" during the paint application.

WorléeAdd 458 can be used in emulsion paints as well as in water-borne anticorrosion paints.

WorléeAdd 458 is liquid and can be incorporated during any stage of the production process but also post-added. It is most effective at an alkaline or neutral pH.

Typical use level is 0.5 - 2.0% on total formulation.

#### Incorporation:

WorléeAdd 458 should preferably be incorporated with agitation at the end of the production process and before the final thinning step.

Optimal use levels for specific formulations should be evaluated by laboratory tests. If assistance is needed, please contact your Worlée representative

#### Recommended Storage and Transport Conditions:

Store in a dry and cool place and keep containers tightly closed.

#### Shelf Life:

The storage stability of WorléeAdd 458 in the originally closed barrel is at a storage temperature from +5 to +25 °C twelve months, counted from the day of the delivery ex works.