

AB RUST[®]NFP

CORROSION INHIBITOR
ANTI FLASH-RUST ADDITIVE



TECHNICAL SHEET

DESCRIPTION – COMPOSITION

AB RUST[®]NFP is specifically designed to protect metal in contact with water based formulations.

AB RUST[®]NFP is a ready to use aqueous solution made of organic based corrosion inhibitors.

AB RUST[®]NFP is **VOC* free, nitrite free and European Ecolabel* compliant.**

APPLICATIONS - DOSAGE

AB RUST[®]NFP is mainly recommended for:

- **flash-rust protection** of water based anticorrosive primers, paints and varnishes based on acrylic, styrene-acrylic, alkyd, epoxy, polyurethane dispersions or emulsions
- **in-can protection** for metal packaging filled with above products

AB RUST[®]NFP must be added preferentially in the letdown, before the rheological agents. The use in post-addition is also a possible option.

The use levels are:

- **typically, from 0.5 to 1%** based on the total weight
- exceptionally, for sensitive metal substrates, 1.5 to 2% based on the total weight

There is no advantage to use higher levels. On the contrary, a too high dosage can increase the water sensitivity of the dry film.

CHARACTERISTICS

Aspect: yellow liquid

Density: 1.02 - 1.12 at 20°C

pH: 7.9 - 8.5 at 20°C

Solubility: Water soluble in all proportions

AB RUST[®]NFP can release an odour specific to its composition, even in the dry film, for a prolonged period of time.

STORAGE - SHELF-LIFE

AB RUST[®]NFP is frost sensitive. It must be kept at temperature above 0°C.

It is recommended to use **AB RUST[®]NFP** within the year following its manufacture (see the expiration date on the label).

LABELING

AB RUST[®]NFP is classified in category 1 "Irreversible effects on the eye".
For further information, please consult the MSDS.

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REGULATORY INFORMATION

AB RUST[®]NFP components are registered on the following inventories:
EINECS (Europe), ENCS and ISHL (Japan), TCSI (Taiwan).

COMMENTS

AB RUST[®]NFP is active on steels, galvanized steels, aluminum.

AB RUST[®]NFP formulation has been adapted in order to have every components listed on the TSCA (USA) and DSL/NDSL (Canada) inventories.

This version is available under the trade name **AB RUST[®]NFP-C**.

PACKAGINGS

Polyethylene pails of 20 kg and 30 kg net

Metallic drums of 225 kg net

Polyethylene IBC of 1000 kg net

Non-returnable packages.

*VOC: volatile organic compounds defined by the Directive 2004/42/EC

*European Ecolabel: see Commission Decision 2014/312/EU

The information given in this document is based on the present state of our knowledge. All recommendations are made without any liability on our part. Buyers and users should make their own assessments of our product under their own conditions and for their own requirements.