



CROSSLINKING AGENTS

# HYDROSIN<sup>®</sup> NF-15

CROSSLINKER



## DESCRIPTION

**HYDROSIN<sup>®</sup> NF-15** is a polymeric hydrophilic multifunctional carbodiimide, of aliphatic nature, in aqueous solution. It is used as a crosslinking agent for polymer dispersions (polyurethane and acrylic) containing carboxyl groups, at room temperature.

## TECHNICAL INFORMATION

APPEARANCE	Pale yellow milky liquid
IONIC CHARGE	Non ionic
pH	6 - 8
ACTIVE MATTER	28 - 32% (wt)

## SPECIAL FEATURES

- Easy to use, high compatibility and specific reactivity (with carboxyl groups).
- Improves the efficiency of fluorocarbon products.
- Water-based emulsion - Non-flammable.
- Chemical resistance to organic solvents and water.
- Abrasion resistance.
- Scratch resistance.
- Adhesion improvement.
- High shelf-life of the formulation at a pH > 8.
- Limited yellowing.

## TECHNICAL SPECIFICATIONS

Solid content: **28 - 32%**  
pH: **6 - 8**

## STORAGE AND STABILITY

**HYDROSIN® NF-15** is stable for 6 months if stored in original closed plastic container at temperatures between 5 and 35°C. The product is sensitive to freezing.

## APPLICATIONS

**HYDROSIN® NF-15** is a cross-linking agent for dispersions, emulsions, and aqueous polymer solutions containing carboxyl groups. The recommended dosage for **HYDROSIN® NF-15** is from 7,0 to 15,0 parts by weight in 100,0 parts of acrylic polymer or polyurethane dispersion. Preliminary tests should be performed in order to determine the appropriate dosage.

## PERSONAL SAFETY

**HYDROSIN® NF-15** is exempt from hazard labeling. Before using this product, please read the current safety data sheet.

## PACKAGING

- **Kg 50** / Plastic tank 3H1
- **Kg 200** / Plastic drum 1H1
- **Kg 1000** / IBC 31HA1