

**CROSSLINKING AGENTS** 

# HYDROSIN® 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                |
| рН            | 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

#### MAFLON S.p.A.

(Società Socio Unico soggetta all'attività di direzione e coordinamento ex art. 2497 bis C.C. da parte di Mazza Holding srl)

#### Sede Legale Via Soave, 7 - 20135 Milano (MI) - Italy VAT N. IT04080020169 - C.F: 04080020169 REG.IMPRESE DI MI - REA 2507998

Sede Operativa Via Don Ravizza snc - 24060 Castelli Calepio (BG) - Italy REG.IMPRESE DI BG - REA 433424 Ph. (+39) 035 4494301 - Fax (+39) 035 4494331 infoſdmafl on.com - www.maflon.com

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