



FLUORO FREE SURFACTANTS ADDITIVES

HEXAFOR® 833

NON-IONIC SURFACTANT



DESCRIPTION

HYDROSIN® 833 is a non-ionic surface-active agent. It is environment-friendly surfactants that do not contain polyfluoroalkyl substances (PFAS). **HYDROSIN® 833** effectively reduces the surface tension, allowing to reach its lowest value quickly. **HYDROSIN® 833** is perfect for paint and coating applications.



TECHNICAL INFORMATION

APPEARANCE	From clear and colorless to slightly cloudy and yellow liquid
IONIC NATURE	Non-ionic
DENSITY	1,04 g/cm ³
ACTIVE MATTER	100% (wt)

SOLUBILITY

Water, isopropanol, butyl acetate, ethanol, acetone.

TECHNICAL SPECIFICATIONS

Non-volatile content: **>97%**

SPECIAL FEATURES

- Specifically designed for water-based systems
- Good reduction of surface tension
- Excellent levelling
- Fast lowering of surface tension
- Reduces orange peel effect
- Improves wetting of substrates
- **PFAS free**

APPLICATIONS

HYDROSIN® 833 can be diluted at very low concentrations (0,05 – 1%) to work properly.

Some examples of application:

- Paints and coatings.
- Floor waxes and finishes.
- Inks.
- Coating for wood, plastic and metal.

STORAGE AND STABILITY

HYDROSIN® 833 is stable for two years if stored in original closed drums at temperatures between 5°C–40°C (41°F–104°F).

HYDROSIN® 833 should be stored at or below 5°C–40°C (41°F–104°F) in original, unopened containers.

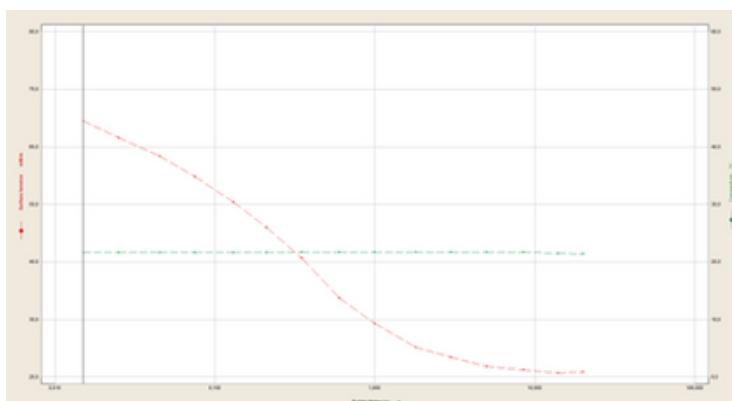
SURFACE TENSION IN DEIONIZED WATER AT 25°C

(Wilhelmy plate method)

- 23,2 dyn/cm at 0,01% (active matter)
- 22,2 dyn/cm at 0,05% (active matter)
- 21,9 dyn/cm at 0,1% (active matter)

DYNAMIC SURFACE TENSION

(0,1% of active material in deionized water at 25°C)



- 46.0 dyn/cm at 0,21 sec (bubble lifetime)
- 29,3 dyn/cm at 1 sec (bubble lifetime)
- 21.8dyn/cm at 5 sec (bubble lifetime)

PERSONAL SAFETY

Please carefully read the current Safety Data Sheet for a safety use of the product.

PACKAGING

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