# Technical Data Sheet

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# Enfinol® DSP85

Version: 2

## Performance Overview

- Enfinol® DSP85 is an anionic polymer wetting and dispersing agent. The product is solvent-free and suitable for all kinds of pigment systems, especially for inorganic pigments with excellent stability

## Product Features

- No organic solvents
- Good compatibility with most resin systems
- Helpful to improve the performance of the coating, such as water resistance
- Very good stability for inorganic pigments

## Physical Property

Product Typical Values

| | | | | | |
|---|---|---|---|---|---|
| Appearance（25℃） | Pale yellow transparent liquid | | | | |
| Active ingredient content（%） | 40 | | | | |
| Acid value（mg KOH/g） | 15 | | | | |
| pH | 6.5 | | | | |
| Solvent | Water | | | | |
| Solubility | Water | Butyl Acetate | Ethanol | Solvent oil | TPGDA |
| | Soluble | Insoluble | Soluble | Insoluble | Soluble |

## Application

- Used in coatings, inks, pigment concentrates, and solvent-free latex paints

## Use Method

- Recommended add amount:

| | |
|---|---|
| Inorganic pigments | 5.0 - 30.0% |
| Organic Pigments | 20.0 - 70.0% |
| Carbon black | 40.0 - 150.0% |

- The recommended dosage for co-milling is 0.5-2.0%
- Add first in the grinding stage, then disperse
- The optimal dosage needs to be determined by a series of experiments

## Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Shelf life of 36 months from the date of production

## Service Restrictions

- This product has not been tested nor has it been specifically stated that it is suitable for medical or pharmaceutical use. It may not be used for human injection or consumption

## Limited Warranty Information - Please read carefully

- The content of this product data sheet is based on the products owned by my company, and is provided for reference only
- Due to the numerous formulations, production, and application conditions, customers should pre-test the adaptability of my company's products before using them to determine their performance, efficiency, and safety
- The suggestions we provide shall not be considered as a cause of any patent infringement. The sole responsibility of our company is to refund the money or exchange it for a product with same value
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