

# IFCA-405

Long Chain Nonionic Wetting Agents



## Technical Data Sheet

Name: IFCA-405

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### Product Description

IFCA-405 is a special long-chain non-ionic wetting agent with extremely superior wetting properties. It has a good surface wetting effect on inorganic pigments and fillers, and has excellent color development on carbon black. It assists the dispersant to reduce the initial viscosity, and is especially suitable for emulsification stabilizers with high HLB value in latex paint formulations.

The main chemical composition of IFCA-405 is octylphenol polyoxyethylene ether, which has a longer hydrophilic chain segment than ordinary nonionic wetting agents, which can improve wetting stability

### Properties

1. Excellent wetting performance
2. Excellent color development to carbon black
3. Provide good freeze-thaw stability
4. Effectively improve the gloss and texture of the paint film
5. Improve the dispersion stability of product system

### Characteristic data\*

Property	Value	Unit
Hydrophilic chain degree	40	
PH	7.0-8.0	
Appearance	Clear transparent	
Viscosity	290	cps (25°C)
Active ingredient content	70	%
Non-volatile content	58	%
Cloud point	>100	°C (1% aqueous solution)
HLB	17.9	

\*These properties are typical but do not constitute specifications.

## Recommended Dosage and Usage

Add 0.1~0.5% of IFCA-405 to the total amount of coating (in the form of finished products). We recommend 0.3% in most formulations, and the specific dosage should be subject to experimentation. For the convenience of use, IFCA-405 has added anti-freezing agent, which can be directly added in winter.

## Storage

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 12 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. If you can't use it all at once, tighten the lid after use to prevent the active ingredients from volatilizing.

## Disclaimer

Foshan Shunde Infinechem Co., Ltd. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.