

Product Information

CARBOWET® GA-100

PRODUCT DESCRIPTION

CARBOWET® GA-100 surfactant is an optimized combination of non-ionic additives designed to provide multi-functional wetting, stabilization, and compatibilization benefits in a wide range of aqueous formulations. CARBOWET® GA-100 offers superior low-foam pigment wetting and milling efficiency benefits without the water sensitivity, foam, and rheology problems that are associated with APE surfactants.

The performance characteristics of CARBOWET® GA-100 surfactant extend to a wide range of applications and formulations in which the combination of dynamic wetting and the compatibilization and stabilization can provide unique benefits. Furthermore, CARBOWET® GA-100 surfactant contains no added APEs or solvents, and is an easy-to-incorporate liquid additive. CARBOWET® GA-100 surfactant offers the best performance in architectural paint millbases.

Typical Properties

Property	Unit	Value
Appearance		clear, colorless to pale yellow liquid
Flash Point, min.	°C	118
Pour Point	°C	-13
Specific Gravity at 25°C	g/ml	0.98
Viscosity at 25°C	mPa·s	110

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- Architectural paints
- Industrial and OEM coatings
- Paper coatings
- Pigment dispersions
- Inks and graphic arts

BENEFITS & ADVANTAGES

- Milling efficiency improvement for faster and greater color and hiding development
- Low foam with dynamic wetting
- Little to no impact on system rheology, water resistance, dry time, block resistance, gloss or opacity
- Improved color rub-up and color acceptance for enhanced touch-up
- Contains no added APEs or solvents

HANDLING & PROCESSING

Between 0.2 and 0.3% of total formulation weight yields wetting benefits, while between 0.5 and 2.0% of total formulation weight yields stabilization benefits. Storage and handling Keep away from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place. Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use.

SHELF LIFE

The shelf life for this product is 24 months from the date of manufacture.

HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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