

## Product Specification

**CARBOWET® GA-211 Surfactant** – Non-ionic Wetting Agent and Grind Aid**Description**

CARBOWET® GA-211 surfactant is an optimized combination of non-ionic additives designed to provide multifunctional wetting and stabilization benefits in a wide range of aqueous formulations. CARBOWET® GA-211 surfactant can provide exceptional dry pigment wetting and deaeration and optimal milling efficiency, allowing for faster and stronger color development.

The combination of properties provided by CARBOWET® GA-211 surfactant can be used in a variety of applications for dynamic wetting, compatibilization, emulsification, and stabilization where an easy-to-incorporate liquid additive is desired. CARBOWET® GA-211 surfactant offers low foam and strong dynamic wetting properties.

**Benefits**

- Outstanding wetting and deaeration of organic and inorganic pigments
- 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

**Applications**

- Organic and inorganic pigment dispersions
- Inks and graphic arts
- Architectural coatings
- Industrial coatings
- Waterborne 2K epoxy coatings
- Agricultural chemicals
- Adhesives

**Recommended usage**

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.

**Table 1: Typical Properties<sup>1</sup>**

Appearance	clear, pale yellow liquid
Viscosity @ 25 °C (mPa · s)	90
Specific Gravity @ 25 °C	0.98
Flash Point (°C)	> 101
Pout Point (°C)	- 12

1 These are typical properties only and do not represent sales or manufacturing specifications.

## Hazardous goods classification

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.

07/2017

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