

Product Specification

CARBOWET® 76 Surfactant – Non-ionic Surfactant**Description**

CARBOWET® 76 surfactant is a multifunctional additive designed for pigment and substrate wetting in a wide range of applications. This nonionic surfactant is typically used in combination with a higher-HLB, non-ionic surfactant. CARBOWET® 76 surfactant is a hazy, low-odor, low-viscosity liquid that features excellent ease of use. CARBOWET® 76 surfactant, with an HLB of 7.5, can be an effective alternative to alkylphenol ethoxylates (APEs) of similar HLBs.

Benefits

- Low viscosity at room temperature
- Excellent water-in-oil emulsifier
- Cost-effective
- Contains no added alkylphenol ethoxylates (APEs)
- Contains no added solvents or hazardous air pollutants (HAPs)

Applications

- Architectural coatings
- Industrial coatings
- Adhesives
- Pigment synthesis
- Pigment dispersion
- Printing inks

Recommended usage

Between 0.5 and 1% of total formulation weight is recommended.

Storage and handling

Keep away from direct sunlight. Overheating under air should be avoided. When vigorously mixed in the presence of air or oxygen at temperatures > 125 °F (> 50 °C), it can degrade product quality. Storage under an inert atmosphere is recommended.

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 Properties¹

Appearance	opaque, whitish-grey liquid
Viscosity @ 25 °C (mPa·s)	400 - 800
Specific Gravity @ 25 °C	0.96 - 1.02
Flash Point (°C)	193
Pour Point (°C)	15
Activity	100 %

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

For Technical Information, Support and Samples:

Americas: prodinfo@evonik.com

Asia: picasia@evonik.com

EMEA: apcse@evonik.com

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

Evonik Nutrition & Care GmbH
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173 2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
www.evonik.com/Interface-performance

