

BC 2365 Quaternary Ammonium Silicone Polymer

Description

Basildon Chemicals BC 2365 Quaternary Ammonium Silicone Polymer is a medium viscosity alkyl quaternary ammonium polydimethylsiloxane

Product Features

Quaternary functional additive for fabric softening and car wash chemical compositions;

High softener - fabric substantivity

Ultra-soft fabric handle

Improved ironing glide

Anti-wrinkle assistance

Performance boost for existing formulations

Substantive to a variety of surfaces, providing gloss and water beading.

Applications

Household: Can be added to quaternised fatty ester based compositions to enhance softening and post-wash, ease of ironing performance.

Car Care: Gloss, hydrophobic additive in care care applications such as car wash rinse and drying aids.

Method of Use

In fabric softener and ironing aid formulations, an addition level of between 2% and 6% is recommended. In Car care applications, a use level of 2% to 5% is recommended. Essentially water insoluble, BC 2365 will need to be solubilised into water based formulations via use of appropriate solubilisers (surfactants, glycols). Due to its cationic nature, use of BC 2365 with anionic substances should be avoided.

Toxicity and Handling

BC 2365 Quaternary Ammonium Silicone Polymer is basically non-hazardous with a very low order of toxicity, although prolonged contact with the skin or contact with the eyes may cause some irritation. See our material safety data sheet for more information.

Storage and Shelf Life

Store under cool and dry conditions. When stored at below 32°C BC 2365 Quaternary Silicone Polymer has a shelf life of 12 months from the date of manufacture.

Typical Properties

Appearance	Clear to slightly hazy, pale amber liquid
Specific gravity (25°C)	1.0
Percentage non volatiles	>85%
Viscosity	1000 - 6000 cS
Nature	Cationic siloxane polymer

Technical Service

Our technical and sales staff have considerable experience of the use of silicone products in a very wide variety of industries and the benefit of this experience is freely available to all our customers.

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