

Product Information

Personal Care

BC 2231 Dimethiconol Gum and Cyclomethicone

INCI name: Cyclopentasiloxane and Dimethiconol

Description

Basildon Chemicals BC 2231 is a blend of volatile cyclopentasiloxane D5 and a very high viscosity dimethiconol gum polymer, for use in cosmetic and personal care applications.

Applications

Skin Care and Skin protection: BC 2231 imparts a pleasant feel to skin by facilitating spreading of the formulation actives and by improving skin elasticity. BC 2231 forms a water resistant, breathable protective barrier without a negative tacky feel.

Hair Care: BC 2231 acts as a two step conditioner. The volatile cyclopentasiloxane functions as a temporary conditioner improving the wet combing of hair. The non-volatile high viscosity gum acts as a long-lasting conditioner providing improved dry combing and a soft feel.

Method of Use

BC 2231 is a concentrate, which allows the addition of a silicone gum to a wide range of personal care formulations. It can be further diluted in volatile silicone and is miscible with mineral oil.

Typical Properties

These values are not intended for use in preparing specifications (see table).

Typical Properties

Appearance:	Clear colourless liquid
Viscosity @ 25°C:	5500-8000 cS
Silicone content:	100%
Flash Point:	> 62°C
Specific Gravity (25°C):	1.0
CTFA/INCI designation:	Cyclopentasiloxane (and) Dimethiconol

Although every effort has been made to ensure that the information contained in this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.

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Storage & Shelf Life

The product should be stored below 32°C. Shelf life of the unopened container is 24 months from date of manufacture. If you wish to use the product after this time please contact us for approval.

Toxicity and Handling

BC 2231 has a low order of toxicity. See our material safety data sheet for more information.

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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