

Product Information

Personal Care

BC 2275 Dimethiconol Microemulsion

INCI name: Dimethiconol (and) TEA-Dodecylbenzene Sulphonate (and) Laureth-23

Description

Basildon Chemicals BC 2275 is a micro-emulsion of high viscosity dimethyl silicone developed specifically for use in the cosmetics and toiletries industry, mostly in the production of clear conditioning shampoo.

Product Features

1. High viscosity silicone for quality conditioning effect.
2. Ultra fine particle size for excellent stability and clarity.
3. Easily included in clear aqueous formulations without the need for emulsification.
5. Available in 25 kg or 200 kg pack sizes.

Typical Properties

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

Method of Use

This will depend on the type of formulation in which the BC 2275 is being included and the other ingredients involved. However, it can generally be added to aqueous formulations with low shear mixing and no heating is required. Guiding formulations are available on request.

Applications

BC2275 was developed for use mainly in the production of conditioning shampoos. It can be included in most types of shampoo formulations where it will give a high quality conditioning effect, but it is especially useful in clear shampoo formulations. Being a micro-emulsion with an ultra fine particle size, the emulsion appears almost clear and allows the

Typical Properties

Specific gravity (25°C):	1.0
Appearance:	Clear to slightly hazy, micro emulsion
Percentage silicone:	25%
Internal silicone viscosity:	20,000cS
CTFA/INCI designation:	Dimethconol (and) TEA-Dodecylbenzene Sulphonate (and) Laureth-23.

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 correct use of its use. Also suggestions of uses should not be taken as inducements to infringe any particular patent

formulation of a clear conditioning shampoo with little or no hazing of the finished product. It is usually included at a level between 2.0% and 6.0% of the formulation but can be effective at levels as low as 1%.

The following are the main applications:

- ◆ Shampoo
- ◆ Leave-in conditioner
- ◆ Rinse-off conditioner
- ◆ Cuticle Coat
- ◆ Mousse products

Toxicity and Handling

Prolonged contact with the skin or with the eyes may cause some irritation. See our Health and Safety sheet for more information.

Storage and Shelf Life

Store under cool and dry conditions. When stored at below 32°C. BC 2275 Dimethiconol Microemulsion has a shelf life of 12 months from the date of manufacture. Do not allow the product to freeze.

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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