



**Personal care**  
The power of smart ingredients

## BRB 526

**INCI NAME: PEG-12 Dimethicone**

### Description

**BRB 526** is a silicone copolymer soluble in water, alcohol and hydro alcoholic systems.

### Application

**BRB 526** can be used in an extensive cosmetic product range such as shampoos and rinse off conditioners, hair treatments and sprays, skin creams and lotions, antiperspirant and deodorants, shaving lotions and sunscreen products.

### Features

**BRB 526** works as surface tension depressant, foam builder, wetting agent, and emulsifier for Si/W emulsions.

### Benefits

- Excellent conditioning effect on hair, imparting no greasy soft feel with any build up effect. Hair is easily manageable with volume. **BRB 526** also helps to build foam.
- In skin creams and lotions, **BRB 526** can be used as wetting agent to provide light silky sensory feel as well as acting as anti-tacky agent and emollient enhancer. **BRB 526** functions as emulsifier into stable Si/W emulsions.

### Typical Data

Parameter	Unit	Value
Viscosity at 25°C	cSt	300
Specific gravity at 25°C		1.07
Calculated HLB		13

Warranty: The information given in this product data sheet are believed to be fully accurate. However, BRB International BV shall not be liable for its content and make no warranty with respect thereto. For additional information we request you to contact BRB International BV visit our web-site: [www.brb-international.com](http://www.brb-international.com)



## How to Use

We recommend applying 0.1 - 5% of **BRB 526** for rinse off shampoo and conditioners in order to obtain conditioning effect. For leave on treatments, optimal dosage would be 0.1-2%. For conditioning skin products, we recommend using 0.1-3% of BRB 526.

If willing to use **BRB 526** as emulsifier to provide silky sensory Si/W emulsions, we recommend using 4% of **BRB 526** into aqueous phase.

**BRB 526** is compatible with hydro-alcoholic systems and incompatible with waxes, mineral oils and medium viscosity dimethicones.

A Product Safety Data Sheet should be obtained from your BRB office prior to use.

**ATTENTION:** Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.