



**UKD GROUP**

## Technical Data Sheet

# VV™ KeraSilk™ AB Plus

**INCI Name: C12-15 Alkyl Benzoate (and) Isopropyl Myristate (and) Isopropyl Palmitate (and) Hydrolyzed Keratin (and) Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate (and) Tocopherol (and) Phenoxyethanol**

Revision 00

Effective April 2026

### Description

**VV™ KeraSilk™ AB Plus** liquid is **Three times more concentrated** than **VV™ KeraSilk™ AB**. **VV™ KeraSilk™ AB Plus** is a unique blend of Oil Soluble Hydrolysed Keratin Nano-Peptides in a highly substantiating base with C12-15 Alkyl Benzoate. It may be used in a wide range / all personal care applications such as skin care, colour cosmetics including nail care, sun care, hair care, shower gels, antiperspirants and deodorants. Low molecular weight peptides (Nano-Peptides) can efficiently penetrate keratin layers and thus help to maintain keratin's structural integrity and repairs damage while the higher molecular weight keratin peptide forms a protective layering promoting smoothness and shine. **VV™ KeraSilk™ AB Plus** remains smooth and undamaged. Due to the low molecular weight and the small size, the hydrolysed keratin Nano-Peptides go beyond the cuticle, penetrate the damaged keratin layer (Hair, Skin and Nails) and reduces damage. When the broken-down protein fills these microscopic gaps, damaged hair and skin gets the strength to minimize damage from chemical treatments, heat styling, mechanical manipulation and the sun. In all products, **VV™ KeraSilk™ AB Plus** is ideal for Silicone Free Serums/Oils. Compatible with all silicone based serums and oils.

### Typical Properties

| Property   | Value   |
|--|---|
| Appearance   | Light Yellow coloured transparent to slightly hazy liquid |
| Odour  | Characteristic  |
| Oil Soluble Keratin Peptides Content (Based on Supplier COA) | NLT 3.0%  |
| Solubility   | Soluble in Oil Bases                                      |
| Peptides -Molecular Weight (Range) (Based on Supplier COA)   | 0.50 - 30 kDa   |

**These figures are only intended as a guide and should not be used in preparing specifications.**

**Note 1: VV™ KeraSilk™ AB Plus Keratin Nano-Peptides are of Vegan origin and does not contain animal protein, fiber presence or animal DNA.**

**Note 2: This variant of VV™ KeraSilk™ AB Plus is a Silicone Free Version.**

UKD GROUP, Flat No. S-01, Tower 25, Naina Apartments, Katha,  
Baddi – 173205. Himachal Pradesh. INDIA



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### Properties

#### VV™ KeraSilk™ AB Plus

- moisturizes hair
- makes frizzy hair smooth and manageable
- improves wet and dry combability
- increases hair/skin/nail hydration
- enhances overall hair & skin feel
- repairs damaged keratin layers of the hair/skin/nails
- **particularly helpful in moderate to severe hair damage due to chemical or heat treatments.**

### Incorporation

Can be added to formulas as is. Add to Oil -phase of formula.

### Areas of Application

- Lip Products
- Make-up Products including nail care products
- Creams/Ointments
- Hair Preparations
- Sunscreens

### Levels Of Use

2% – 30%

### Storage

Store in a cool and dry place, in a closed container. Store away from excessive heat. Shelf-life is 12 months from date of production.

### Safety and Handling:

No special protection required while handling. Material Safety Data Sheet available on request.

### Packaging:

Available in 5 Kg & 20Kg Jerry Cans.

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### **Disclaimer:**

Customers must evaluate **VV™ KeraSilk™ AB Plus** and make their own determination as to fitness of use in their applications. The data and statements contained herein are based on our research and/or the research of others and are believed to be accurate. No guarantee of their accuracy is made. The product(s) discussed herein are sold without conditions or warranties, expressed or implied. Purchasers are advised to make their own tests to determine the suitability of this product for their purposes. Nothing contained herein shall be construed as a recommendation to use or as a license to operate under or to infringe on any existing patent.