

# NEWS FROM KAHLWAX

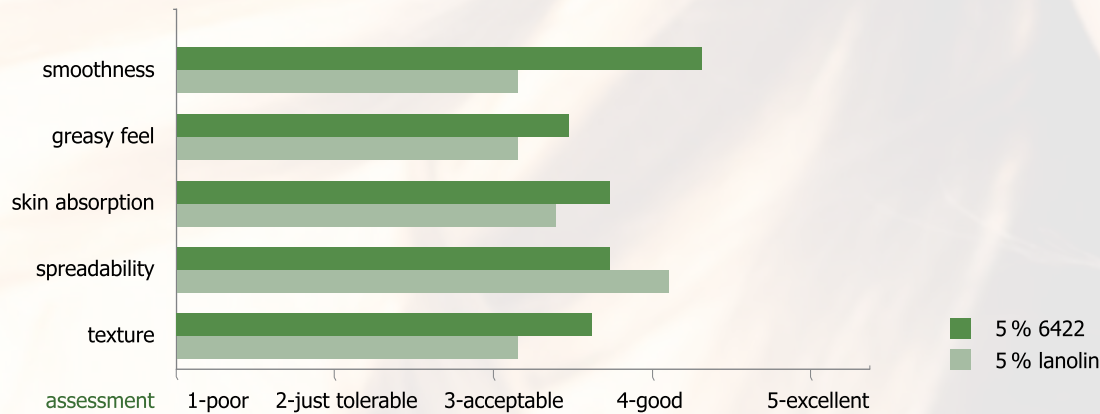
## 6422 VEGGIESOFT COMPLEX

INCI (EU): Rhus Verniciflua Peel Cera, Simmondsia Chinensis Seed Oil, Cetearyl Alcohol, Myristyl Alcohol, Caprylic/Capric Triglyceride, Copernicia Cerifera Cera, Tocopherol

Veggiesoft Complex is an all-natural and vegan alternative to lanolin. It is a blend of natural waxes, oils and fatty alcohols. Recommended use level is similar to lanolin.

### SENSORY ANALYSIS

A sensorial analysis has been performed using the triangle method. Three unidentified samples have been compared by 15 panelists in order to test which is the odd one. The O/W emulsions contained either 5 % Veggiesoft Complex or 5 % lanolin.



The volunteers could not detect a significant difference between the two formulations. Nevertheless 6422 seems to have a positive impact on smoothness, absorption, and texture.



## 6607H SUNFLOWER HYDROWAX

INCI (EU): Hydrolyzed Sunflower Seed Wax

Sunflower Hydrowax is an entirely hydrolyzed sunflower seed wax. Due to the hydrolysis it is much more hydrophilic and polar than the regular wax. 6607H comes in light brown colored pellets.

It is an outstanding co-emulsifier at low concentrations (0.5–1.5 %) leading to a very high viscosity in W/O emulsions. Used in O/W emulsions it forms a stabilizing network supporting body, texture and substantivity. Sunflower Hydrowax can also be utilized as an opacifier for shampoos and in hair conditioning formulations as an alternative to fatty alcohol. 6607H leads to a superb, velvety skin feel and is therefore the ideal choice for every cream or lotion.

Recommended use level is 0.5–3 %.

### ENHANCED ABSORPTION

A triangle test for the sensorial analysis of samples of O/W emulsions with 6607H and 6607L (standard sunflower seed wax) has been conducted. The triangle test is a discriminative method with many uses in sensory science for gauging whether an overall difference is present between two products. During the test, 15 panelists are presented with one different and two alike samples. The focus of the study was the improvement of absorption by skin to show the difference between the hydrophilic and polar 6607H and the more nonpolar, more hydrophobic 6607L.

