



# Technical Data Sheet

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Revised: 09/2005

**Product Name: Silwax WD-O-7**

**INCI Name: PEG 7- Dimethicone Oliviate**

**Chemical Description** Silwax WD-O-7 is a PEG 7 dimethicone olivate. The product, is a water soluble ester of olive oil. It is substantive to a variety of substrates including hair and skin. It provides the benefits of olive oil delivered to the hair or skin

**Typical Properties**

**Silwax WD-O-7**

<b>Appearance</b>	<b>Yellow Liquid</b>
<b>Foreign Matter</b>	<b>Free of</b>
<b>Water Solubility (5% weight)</b>	<b>Soluble</b>
<b>Color (Gardner)</b>	<b>6 MAX</b>
<b>Acid Value (mg KOH/gm)</b>	<b>5 Max</b>

**Applications** Silwax WD-O-7 is an olive oil derivative. Olive oil is a natural product that has been shown to be beneficial when applied to the hair and skin. The product is highly lubricious when applied to fiber, hair or skin. The product is easy to use in aqueous systems because of its water dispensability, but remains substantive enough to provide excellent conditioning properties without the build up associated with many 2-in-1 formulas. Silwax WD-O-7 is especially good on treated hair that requires special care. Silwax WD-O-7 is compatible with other surfactants and does not adversely effect foam or detergency in shampoo formulas. It is a good emulsifier in creams and lotions. The product may be added to cleaner formulas to provide improved detergency and emulsifying capabilities for oils and greases.

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