

Cosphaderm® AP is the lipophilic ester of ascorbic acid and palmitic acid. The palmityl ester possesses improved skin penetration and stability properties compared to ascorbic acid. As an established vitamin C derivative it can be used in skin whitening approaches. The main application of ascorbyl palmitate is to act as a radical scavenger and stop oxidative radical chain reactions or even regenerate depleted antioxidants. By this means, Cosphaderm® AP achieves protection of unsaturated fat and oil components on its own or in synergy with other antioxidants like tocopherols or rosemary extract.

- Stable vitamin C derivative with enhanced penetration properties
- Skin lightening, anti-aging active
- COSMOS-certified antioxidant booster



COSMOS  
APPROVED



16128

ISO 16128

Natural Index	0
Natural Origin Index	1

<b>INCI-Name</b>	Ascorbyl Palmitate
<b>Source</b>	Corn, Palm oil
<b>Recommended concentration [%]</b>	0.05 - 0.10
<b>Substance Class</b>	Esters
<b>Function</b>	<ul style="list-style-type: none"> <li>• Whitening</li> <li>• Antioxidant</li> <li>• Product protection</li> </ul>
<b>Type of Formulation</b>	<ul style="list-style-type: none"> <li>• O/W</li> <li>• W/O</li> <li>• Surfactant Based</li> <li>• Waterfree</li> </ul>
<b>Solubility</b>	• Oil-soluble
<b>Appearance</b>	Powder
<b>Colour</b>	White to yellowish-white
<b>Odour</b>	Characteristic
<b>Combinable Products</b>	<ul style="list-style-type: none"> <li>• Cosphaderm® T-70 NON GMO</li> <li>• Cosphaderm® T-50 NON GMO ECO</li> </ul>
<b>Item No.</b>	04-001-xxxx
<b>CAS No.</b>	• 137-66-6