

## PRODUCT **Cetyl Alcohol Ph. Eur.**

CAS number 36653-82-4

DESCRIPTION Mixture of solid alcohols, mainly hexadecan-1-ol (C<sub>16</sub>H<sub>34</sub>O; Mr 242.4), of animal or vegetable origin.

CHARACTERISTICS White or almost white, unctuous mass, powder, flakes or granules. Practically insoluble in water, freely soluble or sparingly soluble in ethanol (96%). When melted, it is miscible with vegetable and animal oils, with liquid paraffinand with melted wool fat.

TEST	SPECIFICATION
<b>Assay (Content)</b>	Minimum 95.0%
<b>Identification</b>	Conforms to Ph. Eur. tests
<b>Appearance of solution</b>	As per Ph. Eur. tests: the solution is clear and not more intensely coloured than reference solution B6
<b>Melting point</b>	46°C to 52°C
<b>Acid value</b>	Not more than 1.0
<b>Hydroxyl value</b>	218 to 238
<b>Iodine value</b>	Not more than 2.0
<b>Saponification value</b>	Not more than 2.0

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