

POLYMOL PCL

CHEMICAL NAME: Cetyl Ethylhexanoate.

INCI name ⁽¹⁾	CAS number ⁽¹⁾	EINECS number ⁽¹⁾
Cetyl Ethylhexanoate	59130-69-7	261-619-1

(1) Reference CosIng: (<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>), Europe.

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(2) Reference: Personal Care Products Council (PCPC). (<https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>), USA.

SPECIFICATION

Appearance (25°C)	: Oily liquid, clear, free of foreign matter
Acid Value	: 0.00 – 2.00 mg KOH/g
Hydroxyl Value	: 0.00 – 3.00 mg KOH/g
Refractive Index	: 1.4360 – 1.4540
Gardner Color	: 0.00 – 1.00
Odor	: Similar in character and intensity to the pattern, mild greasy odor
Saponification Value (4h)	: 135.00 – 165.00 mg KOH/g

PROPERTIES AND APPLICATION

POLYMOL PCL is a liquid emollient ester like the natural oil derived from waterfowl. It is a clear, oily liquid that may be used in the formulation of a wide variety of cosmetics and personal care products.

POLYMOL PCL acts as a lubricant on the skins surface providing a soft and smooth appearance and as a hair conditioning ingredient. It also imparts water-repelling characteristics to cosmetics and personal care products, improves "spreadability" and is used to improve dry skin conditions.

INDICATIONS OF USE

POLYMOL PCL has good solvency and a non-oily feel. It is recommended for dry oil sprays, make-up removers, matte finish make-ups and for inclusion in moisturizers, body lotions and sunscreens.

SUGGESTED DOSAGE

The suggested dosage is ≤ 25%.

STORAGE

Store the product preferably in its original packaging, on pallets, in a dry, ventilated place, free from pests. Avoid exposure to direct sunlight.

SHELF LIFE

Valid for twenty-four (24) months from manufacturing date.

REFERENCES

- CosIng, Available at: (<https://ec.europa.eu/growth/tools-databases/cosing/index.cfm?fuseaction=search.simple>). Europe.
- Personal Care Products Council (PCPC), Committed to Safety Quality & Innovation, Available at: (<https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>), USA.
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