

iMOL CTV

INCI Name (US): Decyl Oleate

INCI Name (EU): Decyl Oleate

CAS #: 3687-46-5

General Information/ Characteristics: iMol CTV: It is an thickner, emollient and solubilizant agent for the manufacture of cosmetic and pharmaceutical products that favors the active penetration.

Benefits / Application: iMol CTV is an ester with an oily sensory, good compatibility with the epidermis and stands as an excellent adjuvant to lipidic - soluble substances thanks to its solubilizing power and penetration through the epidermis. As indicated for cosmetics, pharmaceutical and dermatological products.

In the pharmaceutical area there is a scope for the iMol CTV, according to its chemical inertness in the presence of numerous substances/ingredients, and due to its compatibility. It is indicated for creams against sunburns and skin creams that contain dexamethasone.

Due to the low level of iodine, iMol CTV has a high stability to self-oxidation forming in a factor of stability in emulsions where it's used.

When used in lipsticks, iMol CTV promotes uniform dispersion of pigments and the formation of a film more perfect in the lips.

iMol CTV is soluble in a big variety of oils (vegetable, mineral), waxes, fatty alcohol, fatty acids and essential oils.

iMol CTV presents medium power of dispersibility and it get turbid at temperatures below - 10°C.

iMol CTV is indicated for facial care products, for baby care, deodorants, antiperspirants, hair masks, shaving products, soap bar, creams and lotions.

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Regulatory Status: No specific regulation

Physico-Chemical Properties:	Aspect (25°C)	Liquid
	Acid value	Max. 1.0
	Hydroxyl value	Max. 5.0
	Iodine value	55 - 65
	Saponification Value	130 - 140
	Color (Gardner)	Max. 5.0

Additives: Preservatives:

Shelf Life / Storage Conditions 36 months if stored at room temperature, in a covered and dry area, in the original and close packing and light protected.

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