

## 1 – Product Identification

Product name	ISOCIDE® OC
INCI Name	O-Cymen-5-OL
General product information	O-Cymen-5-OL is generally enclosed in the list of preservatives allowed for cosmetic applications
Applications	Emulsion-cream, Lotion (oil), Shampoo, Conditioning, Bath shower, Oral care, Mask, Compact powder
Solubility	Hardly soluble in water, not soluble in silicones. Isocide® OC is soluble in glycols (at 75°C), alcohols, esters (at 75°C), and solubilizing polar oils
Compatibility & Stability	Non-ionic surfactant can decrease the antibacterial activity of Isocide® OC. High levels of salts or oils can dilute the activity of Isocide® OC too. Compatible with sarcosinate, cocoamphoacetate, taurate. Isocide® OC is stable towards temperature, light and humidity
Maximum recommended dosages	Recommended dosage is up to 0.1% Please refer to local legislation of application
Optimal Final Range of pH Stability	From 4 to 9

## 2 – Analytical Specification

	Units	Limits
Residue on Ignition	%	Max 0.5
Water content	%	Max 0.5
Appearance	-	White to slightly yellow crystalline powder
Total impurity	%	Max 1.0
Melting point	°C	110-113
Assay	%	min 99,0

## 4 – Handling

Packaging	1, 10, 25 Kg
Storage	Store in original well-closed containers, in a fresh and dry place, repaired from light, heat or humidity sources
Shelf-life	24 months from manufacturing date, when product is stored in sealed original containers
Safety	Isocide® OC is approved in most legislative areas (Japan, USA, Europe) with eventual dosage restriction. It is used at low concentrations, and shows a good profile of safety for the skin in water-based formulas and emulsions.

## 5 - Disclaimer

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Lehmann&Voss & Co. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein described materials or processes in violation of existing or future patents.



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