

## GALESAN

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### SPECIFICATION

Trade Name:	<b>GALESAN®</b>
Chemical Identity:	<i>Clear (white water), high purity hydrocarbon liquid with a remarkable compatibility with a wide range of personal care ingredients, including some sunscreen active ingredients and silicones.</i> <i>Light, dry fluid that mimic properties of volatile silicon emollients (Cyclopentasiloxane) in personal care application. This emollient does not contain animal derived raw materials.</i> <i>In addition to providing the silky, dry skin feel that can be achieved with silicones, GALESAN has a number of other properties that can be of interest to formulators of color cosmetics and hair care products.</i>
Applications:	<i>Make-up, emulsions, cleansers, hair-care, suncare, deodorants and spray products</i>
INCI NAME:	<b>ISODODECANE, HYDROGENATED TETRADECENYL/METHYLPENTADECENE</b>
Origin:	<b>Synthetic</b>
CAS-number:	<b>93685-81-5, 1000172-11-1</b>
EINECS-number:	<b>297-629-8, 700-184-9</b>

### PRODUCT PROPERTIES

Appearance:	<i>Clear and free of particles</i>
Colour:	<i>Light ivory</i>
Odour:	<i>Characteristic</i>
Number of acidity (Met.: ASTM-D664-09a):	<i>0,28 (mg KOH/g)</i>
Viscosity @ 20°C (cSt)	<i>2,18</i>
Vapor Pressure @ 30°C (Pa)	<i>40</i>
Vapor Pressure @ 50°C (Pa)	<i>151</i>
Vapor Pressure @ 70°C (Pa)	<i>455</i>
Density (20°C)	<i>0.768 – 0.776 kg/dm<sup>3</sup></i>
Refractive Index (20°C)	<i>1.428 – 1.437</i>
Flash Point (Met.: ASTM D 93-10)	<i>52 C°</i>
Surface Tension (Met.: ASTM D 1331/89)	<i>23,9 N/m</i>
Pour Point (Met.: ASTM-D97-09)	<i>&lt;-46 C°</i>
Acid Number (Met.: ASTM-D664-09°)	<i>0,28 mg KOH/g</i>
Autoignition Point (Met.: ASTM-E-659-78)	<i>380 C°</i>

**STORAGE AND HANDLING**

*It is recommended that normal safety precaution be employed when handling GALESAN. Read the GALESAN Material Safety Data Sheet for further information.*

*This product should be stored in the original, sealed and unopened containers, in a cool place away from heat and direct sunlight. It should be kept at a temperature between -5°C and +35°C and away from basic and easily oxidisable materials. Gale & Cosm will only consider quality complaints when accompanied by a declaration that the products was stored in accordance with these storage instructions. If stored properly and kept in original sealed packaging, the product maintains its characteristics for at least 24 months.*

**OTHER INFORMATION**

*Shake before use.*