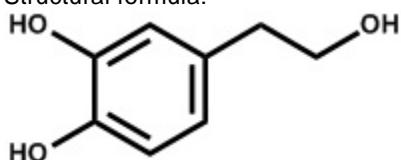


# HTEssence® HYDROXYTYROSOL LIQUID COSMETICS

## Product description

Structural formula:



Empirical formula:

|                 |                         |
|-----------------|-------------------------|
| CAS No.:        | 10597-60-1              |
| Physical state: | liquid - viscous        |
| Colour:         | colourless to yellowish |
| Odour:          | odourless               |

HTEssence® Hydroxytyrosol is a nature identical Hydroxytyrosol, supplied by Wacker Chemie AG.

Hydroxytyrosol is an ingredient in olives, functioning as a highly active antioxidant in the body. Hydroxytyrosol is considered one of the most powerful antioxidants, its oxygen radical absorbance capacity is ten times that of green tea, and more than two times greater than that of CoQ10 and quercetin.

There are many scientific studies about health benefits for Hydroxytyrosol, the most prominent is the

cardiovascular health benefit. HTEssence® Hydroxytyrosol should be considered as a supplementary part of a balanced daily diet.

## Storage

Storage at room temperature in sealed containers under dry conditions is recommended. HTEssence® HYDROXYTYROSOL LIQUID COSMETICS has a shelf life of 12 months from the date of manufacturing. Storage beyond the date specified does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## Product data

| Specification data   | Inspection Method | Value       |
|--|-------------------|-------------|
| Hydroxytyrosol incl. its monoethers and esters*                                  | LC                | min. 98,0 % |
| 2-(3-Hydroxy-4-methoxyphenyl)-ethanol<br>+ 2-(4-Hydroxy-3-methoxyphenyl)-ethanol | LC                | max. 3,0 %  |
| Residual solvents  | GC<br>GC/MS-SIM   | max. 0,1 %  |

| Typical general characteristics | Inspection Method | Value                          |
|---------------------------------|-------------------|--------------------------------|
| Density                         |                   | approx. 1,25 g/cm <sup>3</sup> |
| Recommended storage temperature |                   | NMT 25 °C                      |
| Solubility in water             |                   | 50 g/l                         |

\*The product contains max. 2.5% (w/w) citric acid for stabilization purposes and may contain up to 1.0% (w/w) water. Content calculated on dry basis and citric acid content not included.

These figures are only intended as a guide and should not be used in preparing specifications.

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER® is a trademark of Wacker Chemie AG.

For technical, quality, or product safety questions, please contact:

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