**Product Information**

**Methyl 4-hydroxybenzoate**

Product Number  **H5501**
Store at Room Temperature

**Product Description**
Molecular Formula: $C_8H_8O_3$
Molecular weight: 152.1
Synonym: methyl paraben

This product can be used to inhibit yeast growth and can also be used as an antimicrobial agent for Gram-positive anaerobic bacteria.\(^1\) It must be suspended in ethanol first, since it does not dissolve readily in water. This product is also indicated to have some pheromonal properties.\(^2,3\)

This product is synthetic.

**Precautions and Disclaimer**
For Laboratory Use Only. Not for drug, household or other uses.

**Preparation Instructions**
This product is soluble in ethanol (50 mg/ml). This product is soluble at 1 part per 2 parts of alcohol and only 1 part in 400 parts of water.\(^4\)

**Storage/Stability**
This product can be autoclaved in solution, but only if buffered at pH 3-6. If not buffered, and autoclaved at pH 6-9, significant decomposition will occur.\(^4\)

**References**
2. The Merck Index, 11th ed., Entry# 6021.

CMH/AJH 5/06

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