

## PRODUCT INFORMATION

### PHENYL ACETALDEHYDE DIMETHYL ACETAL

#### 1) IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

Product Name	: PHENYL ACETALDEHYDE DIMETHYL ACETAL
Chemical Name of Active Ingredient(s)	: PHENYL ACETALDEHYDE DIMETHYL ACETAL
Manufacturer	: M/S. U.K.AROMATICS & CHEMICALS PLOT No. K-6/3, TARAPUR MIDC, KALODA NAKA, NAVAPUR ROAD, BOISAR - 401506, INDIA Phone no: (02525) 276520, 661081/82. Fax: (02525) 276520. Email: ukaromatics@gmail.com

#### 2) PRODUCT IDENTIFICATION & COMPOSITION/ INFORMATION ON INGREDIENTS

Synonyms	: benzene, (2,2-dimethoxyethyl)- 2,2- dimethoxy-1-phenyl ethane 1,1- dimethoxy-2-phenyl ethane 1,1- dimethoxy-2-phenylethane (2,2- dimethoxy-ethyl)-benzene (2,2- dimethoxyethyl) benzene (2,2- dimethoxyethyl)benzene 2,2- dimethoxyethylbenzene hyscylene p phenacetaldehyde dimethyl acetal 2- phenyl acetaldehyde dimethyl acetal phenyl acetaldehyde dimethylacetal
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### 3) PHYSICAL CHEMICAL PROPERTIES

<b>Appearance</b>	: Colorless clear liquid
<b>Occurrence in nature</b>	: It is a synthesized chemical
<b>Odor description</b>	: green foliage floral rosy earthy mushroom
<b>Flavor</b>	: cherry, bluebell, apple blossom
<b>Solubility</b>	: insoluble in water; soluble in oils, propylene glycol
<b>Relative Density@25°C</b>	: 1.00000 to 1.00600
<b>Refractive Index@20°C</b>	: 1.49200 to 1.49800
<b>Typical Purity (GC)</b>	: Not less than 98%
<b>Acid Value</b>	: 1.00 max. KOH/g
<b>Boiling point</b>	: 219.00 to 221.00 °C. @ 754.00 mm Hg
<b>Flash Point</b>	: 192.00 °F. TCC (89.00 °C)
<b>CAS No.</b>	: 101-48-4
<b>Molecular wt</b>	: 166.21
<b>FEMA No.</b>	: 2876
<b>EINECS</b>	: 202-945-6
<b>CoE</b>	: 40
<b>USA Food &amp; Drug Act Title21 CFR Paragraph:</b>	172.515
<b>JECFA number</b>	: 1003
<b>Chemical Formula</b>	: C <sub>10</sub> H <sub>14</sub> O <sub>2</sub>
<b>FOOD CHEMICALS CODEX LISTED</b>	: yes

## 4) OTHER INFORMATION

<b>Standard Packing size</b>	: 5.0 kgs, 35 kgs & 220 kgs
<b>Packing material compatibility details</b>	: Compatible with MS, lacquered lined, Good HDPE, Galvanized Iron drums, HDPE Carbouys, Aluminium Cans.
<b>Head Space</b>	: As low as possible
<b>Use Level</b>	: Fragrance up to 3.0000% Flavors up to 1.0000 PPM
<b>Stability</b>	: Keep in tightly closed container in a cool and dry place, protected from light. When stored for more than 12 months, quality should be checked before use.

**Level of metals as follows** :

Copper < 30ppm

Arsenic < 1.1 ppm

Tin < 250ppm

Zinc < 50ppm

Cadmium < 1 ppm

Mercury 1 PPM

Lead < 2.5 PPM

Methyl Mercury calculated as element < 0.25 ppm