



## Product Specification

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|----------------------------------|--|
| Product code:                    | 1352   |
| Product name:                    | Natural Caramel Furanone 1% etoh   |
| Chemical name or synonyms:       | 4,5-Dimethyl-3-hydroxy-2(5h)furanone   |
| Empirical formula:               | C <sub>6</sub> H <sub>8</sub> O <sub>3</sub>   |
| Declaration in USA:              | Natural  |
| EEC:                             | Natural Flavoring Substance  |
| Appearance:                      | Pale yellow to tan liquid; May develop slight turbidity or small particulates over time. Shake well before use. This does not affect the flavor or performance of the product. |
| Odor:                            | Alcoholic caramel  |
| Melting point (for solids only): | -  |
| Boiling point:                   | 78°C   |
| Flash point:                     | ca. 16°C   |
| Specific gravity @ 20°/20°C:     | 0.810 - 0.830  |
| Refractive index @ 20°C:         | 1.358 - 1.368  |
| Assay (by GLC):                  | 1.0% min.  |
| Solubility:                      | Soluble in water; soluble in most organic solvents.  |
| Storage and shelf life:          | In tightly closed container away from light and source of ignition at max. 20°C; 12 months min.  |
| FEMA No.:                        | 3634   |
| CFR No.:                         | 172.510  |
| EINECS No.:                      | 249-136-4  |
| CAS No.:                         | 28664-35-9   |
| CoE No.:                         | N/a  |
| HS code:                         | 3302.90.2050   |
| FLAVIS No:                       | 10.030   |
| Date:                            | Sept. 2016   |
| Version:                         | 6.0  |