

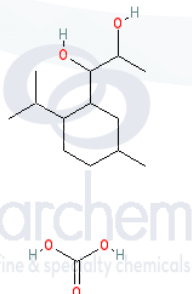


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## Typical Product Specifications & Properties

# menthyl propylene glycol carbonate

CAS Number : 156324-82-2

| Specifications     | Limits                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance         | colorless clear liquid                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pounds/Gallon      | 8.413 to 8.462                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Refractive Index   | 1.45500 to 1.46100 @ 20.00 °C                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Boiling Point      | 140.00 to 143.00 °C. @ 760.00 mm Hg                                                                                                                                                                                                                                                                                                                                                                                                              |
| logP (o/w)         | 6.82                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Flash Point        | 333.00 °F.TCC                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Odor Type          | minty                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specific gravity   | 1.01100 to 1.01700 @ 25.00 °C                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Acid Value         | 2.00 max. KOH/g                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Assay              | 87.00 to 100.00 %                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Odor               | menthol                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Chemical Structure |  <p>The chemical structure shows a menthyl group (a bicyclic carbon chain with a methyl group and a hydroxyl group) linked via an ester bond to a propylene glycol carbonate group (a three-membered cyclic carbonate ring attached to a propylene chain). The structure is overlaid with the Parchem logo and the text 'fine &amp; specialty chemicals'.</p> |

