



CAS No. 89-80-5

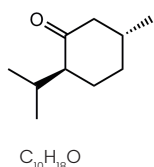
## Menthone Natural

MINT HERBAL SWEET WOODY



### CHEMICAL STRUCTURE

(2S\*,5R\*)-2-Isopropyl-5-methylcyclohexanone



### SYNONYM

trans-p-Menthan-3-one

### APPLICATION INFORMATION

Used in perfume compositions such as geranium and lavender. Can be used in traces to give freshness and lift. Used in flavor mainly for dentifrice flavors and synthetic peppermint.

### OCCURRENCE IN NATURE

Found in oils of peppermint, Japanese mint, pennyroyal, Micromeria abyssinica benth., geranium and other oils.

### STABILITY

|                       |        |      |
|-----------------------|--------|------|
| Fine Fragrance        | -      | GOOD |
| Fabric Softener       | pH 3   | GOOD |
| Antiperspirants       | pH 3.5 | FAIR |
| Toiletry Applications | pH 6   | GOOD |
| Liquid Detergent      | pH 9   | GOOD |
| Soaps                 | pH 10  | FAIR |
| Powder Detergent      | pH 11  | GOOD |
| Bleach                | pH 14  | POOR |

### SUBSTANTIVITY

|            |      |
|------------|------|
| Skin       | GOOD |
| Dry Fabric | POOR |
| Wet Fabric | POOR |
| Hair       | GOOD |

### TENACITY ON BLOTTER

|              |            |             |
|--------------|------------|-------------|
| >12<br>HOURS | 00<br>DAYS | 00<br>WEEKS |
|--------------|------------|-------------|

### BLOOM DIFFUSIVITY

FAIRY DIFFUSIVE

### TYPICAL USE LEVEL

Up to 3%

### TECHNICAL DATA

|                 |   |
|-----------------|---|
| Flash Point °C  | 74°C  |
| GC              | 98% min. as C <sub>10</sub> H <sub>18</sub> O |
| CAS No.         | 89-80-5                                       |
| FEMA / GRAS No. | 2667  |
| CLogP           | 2.87  |

|                  |                                 |
|------------------|---------------------------------|
| Optical Rotation | -                               |
| Appearance       | Colorless to pale yellow liquid |
| Molecular Weight | 154.25                          |
| Vapor Pressure   | 49.400 Pa at 25°C               |