

Foreverest Resources Ltd

Dihydromyrcenol

99%

Dihydromyrcenol appears colorless liquid with a lavender odor, and it smells similar to lemon. There are two preparation methods. One is to chlorinate Dihydromyrcene and then be hydrolyzed in alkaline water. The other process is esterifying Dihydromyrcene by acetic acid or formic acid, and then produce Dihydromyrcenol through saponification and hydrolysis under the alkaline condition. (Germany Patent: 1668280) Dihydromyrcenol has become a kind of important flavoring and fragrance ingredient. It is also widely used in daily chemical fragrance formulation, especially used in soap manufacturing. Soviet spice experts had been researched the flavor quality in mixtures of Dihydromyrcenol and Myrcenyl Acetate. Results of the study show that when the contents of Myrcenyl acetate were above 10%, Dihydromyrcenol had the best flavor quality. Today, Dihydromyrcenol is widely used in the flavor of daily chemicals, especially soaps, the contents can be up to 20%.

Substance Identification

Synonyms

Dimyrcetol | 2,6-Dimethyl-7-octen-2-ol | Dihydromyrcenate | Myrcetol | Dimyrcetal

| | |
|-------------------|-----------|
| CAS | N/A |
| EINECS | 242-362-4 |
| FEMA | N/A |
| HS.CODE | 290619 |
| Molecular Formula | C10H20O |
| Molecular Weight | 156.27 |

Application & Uses

- used as the raw material of citrus and lime-type perfumes
- used as the flavor of daily chemicals, especially soaps
- used as raw material for synthesis Citronellol

Features & Benefits

- Colorless Transparent Liquid
- Solubility in 55% Alcohol @25°C: 1 in 4~6.5; Soluble In Kerosene. Alcohols, Paraffin oil
- Insoluble In Water

Sales Specification

| ITEM | VALUE |
|---------------------------|---------------------------------------|
| Appearance | Colorless liquid |
| Odor | Lemon, lavender |
| Color | No.4 max |
| Purity, G.C., % | 99 min |
| Refractive Index, @ n20/D | 1.439 to 1.443 |
| Acid Value, mgKOH/g | 1.0 max |
| Solubility, @ 25°C | Soluble in 4~6 volumes of 55% alcohol |
| LD50 oral, rat | 3.6g/kg min |
| LD50 dermal, rabbit | 5g/kg min |

Package

- Galvanized Iron Drum, 165kg net each

GHS Hazard Statements

| | |
|---|--|
| H-Code | H227/315/319 |
| P-Code | P210/264/280 |
| Response | P302+P352 P305+P351+P338 P332+P313 P337+P313 P370+P378 |
| Storage | P403+P235 |
| Disposal | P501 |
| S-phrases: S26-36/37 R-phrases: R36/37/38 | |

Storage

- do not store in close proximity to excessive heat, open flames, strong acids or strong bases.Store in cool place
- keep container tightly closed in a dry and well-ventilated place

Relation Products

- [alpha-Pinene](#)
- [Beta Pinene](#)
- [Dihydromyrcene](#)
- [Citronellol](#)
- [Myrcene](#)

Relation Articles

- [Green in Perfume, How to build a better rose](#)
- [How to create Lily of the valley fragrance?](#)

Remark

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