

Foreverest Resources Ltd

松油醇

85%

松油醇为单环萜醇类化合物，天然存在于松树油、杂薰衣草油、橙叶油、橙花油等精油中。呈粘性液体，易趋结晶。伴有松木、丁香香气。分别有 α -Terpineol β -Terpineol γ -Terpineol三种异构体，其一般工业制品分为左旋、右旋、消旋三种光学异构体。过去制取工艺中，先使 α -蒎烯在酸性条件下水合作用生成水合萜二醇，脱水后制得。自上世纪80年代后已实现直接水合成松油醇的新工艺。

Substance Identification

Synonyms	萜品醇 油醇
CAS	N/A
EINECS	232-268-1

FEMA	N/A
HS.CODE	380590
Molecular Formula	C10H18O
Moleclar Weight	154.25
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口服 LD50(大鼠)	4.3g/kg min
皮试 LD50(兔子)	3g/kg min
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Application & Uses

- α -松油醇加氢后可制得对孟烷-8-醇，经脱水得众多不饱和萜烯混合物。香料工业中常需制备松油醇的酯类衍生物，如乙酸松油醇
- 因其丁香香气，其衍生物甲酸松油酯和乙酸松油酯可用于香精配制
- 用作玻璃器皿上色彩的溶剂
- 用作农化，如杀虫剂增效剂
- 用作增粘剂单体
- 用作烟丝添加剂，其溶液喷洒在烟丝后增加了其紫丁香香气和甜味，并提高烟气自然透发作用
- 用作电子浆料
- 用作热塑性导电银胶溶剂

Sales Specification

ITEM	VALUE
外观	无色粘稠状透明液体
相对密度①@ d20/4①	≥0.920
馏程①190~225°C (V/V)① %①	≥90
水分含量 (%)	≤0.5
萜醇含量①G.C①%①	85
口服 LD50①大鼠①	4.3g/kg min
皮试 LD50①兔子①	3g/kg min

Similar Specs

[Terpineol](#)

[Terpineol](#)

[Terpineol Electric](#)

Package

- 镀锌铁桶，150公斤，80桶/120桶每20尺柜
- 镀锌铁桶，180公斤，80桶/120桶每20尺柜

GHS Hazard Statements

Storage

- 密封贮存于通风、干燥、阴凉处
- 贮存容器开口后应重新封口并保持直立放置防止泄漏
- 与氧化物隔离贮存
- 远离火苗、明火、火源

Relation Products

- [alpha-Pinene](#)
- [alpha-Terpineol](#)
- [Pine Oil](#)

Relation Articles

- Efficacy of Angelica archangelica essential oil, phenyl ethyl alcohol and α -terpineol against isolated molds from walnut and their antiaflatoxigenic and antioxidant activity
- Pine Oil & Terpineol applied to disinfectants and household cleaners
- Terpinen-4-ol and alpha-terpineol (tea tree oil components) inhibit the production of IL-1beta, IL-6 and IL-10 on human macrophages
- Terpenes (C₅H₈)-medicinal molecules and important building blocks in nature
- How does pine oil work in disinfectant cleaners?

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.