

Foreverest Resources Ltd

Pine Oil

85%

Pine Oil is a derivative of turpentine obtained by steam distillation of the species Pinus. Pine Oil has a strong piny odor and is miscible with alcohol. Pine Oil contains alpha-terpineol plus other cyclic terpene alcohols and terpene hydrocarbons.

Substance Identification

Synonyms	Pine Oil for Detergent
CAS	N/A
EINECS	304-455-9
FEMA	N/A

HS.CODE	380590
Molecular Formula	C10H18O
Molecular Weight	154.25

Application & Uses

- used as household or industrial detergent
- used as inks, coating solvents
- used as ore flotation agent
- used as phenolic disinfectant that has a significant disinfecting effect on bacterial strains and enveloped viruses
- used as a pharmaceutical ingredient that has a certain effect on pathogens such as cold, gastroenteritis, cholera, meningitis, whooping cough, gonorrhoea, etc

Features & Benefits

- Mainly applied in the production of household detergent, industrial cleaner, high-quality ink and paint solvent owing to its pleasant pine smell, notable antimicrobial power and excellent solvency, low concentration ones can be used as a foaming agent in ore floatation
- As a phenolic disinfectant. It is generally effective against numerous bacterial strains and enveloped viruses. Pine oil is not generally effective against non-enveloped viruses or spores
- As a pharmaceutical ingredient, it kills the causative agents of typhoid, gastroenteritis, rabies, enteric fever, cholera, several forms of meningitis, whooping cough, gonorrhoea and several types of dysentery. Pine oil is also effective against several of the leading causes of food poisoning

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Transparent oily liquid	
Relative Density	0.927	@d20/4
Distillation Range	90 min	@190 to 225°C, % v/v
Moisture	0.5 max	%
Terpene Alcohols, by Dehydration	85 min	%

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Transparent oily liquid	
Relative Density	0.900	@d20/4
Distillation Range	90 min	@170 to 225°C, % v/v
Moisture	1 max	%
Terpene Alcohols, by Dehydration	85 min	%

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Transparent oily liquid	
Relative Density	0.885 to 0.900	@d20/4

ITEM	VALUE	TEST METHOD & UNIT
Distillation Range	90 min	@168 to 230°C, % v/v
Moisture		
Terpene Alcohols, by Dehydration,	50% min	%

Similar Specs

[Pine Oil](#)

[Pine Oil](#)

Package

- Galvanized Iron Drum, 175kg, 80 drums per 20'FCL

GHS Hazard Statements

H-Code	no data available
P-Code	no data available
Response	no data available
Storage	no data available
Disposal	no data available

UN Number: UN 2810 | S-phrases: S46;S61;S62;S36/S37 | R-phrases: R10;R43;R65;R20/21/22;R36/38

Storage

- flammable materials should be stored in a separate safety storage cabinet or room
- ground all equipment containing material
- keep away from heat
- keep away from sources of ignition
- keep container dry
- keep container tightly closed
- keep in a cool place
- keep in a cool, well-ventilated place

Relation Products

- [alpha-Pinene](#)
- [Beta Pinene](#)
- [Terpineol](#)
- [Turpentine](#)

Relation Articles

- [Pine Oil & Terpineol applied to disinfectants and household cleaners](#)

- The Green Benefits of Pine Oil
- How does pine oil work in disinfectant cleaners?
- ANTI-VIRUS FUNCTION of ESSENTIAL OILS and PLANT EXTRACTS
- Biological function and mechanism of plant extracts(2)
- Green in Perfume, How to build a better rose
- How to create Lily of the valley fragrance?
- R&D on Terpinen-4-ol
- Ten questions concerning air fresheners and indoor built environments
- Terpenes from Forests and Human Health

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.