Foreverest Resources Ltd

Pine Oil

50%

Pine Oil is the by-product of producing terpineol from gum turpentine obtained by steam distillation of the species Pinus. It contains alpha-Terpineol plus other cyclic terpene alcohols and terpene hydrocarbons. Pine oil has a strong piny odor and is miscible with alcohol. It has a strong sterilizing effect and superior ability of deodorization, wetness, clearance and penetration. It is mainly applied in the production of household chemicals, such as detergent, industrial cleaner, high quality ink and paint solvent, etc. It is also used in pharmaceutical industry and cosmetic industry.

Substance Identification

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

FEMA	N/A
HS.CODE	380590
Molecular Formula	C10H18O
Moleclar Weight	154.25

Application & Uses

- 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 foaming agent in ore floatation
- is 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
- will kill the causative agents of typhoid, gastroenteritis, rabies, enteric fever, cholera, several forms of meningitis, whooping cough, gonorrhea and several types of dysentery. Pine oil is also effective against several of the leading causes of food poisoning

Sales Specification

ITEM	VALUE
Appearance	Transparent oily liquid
Relative Density, @ d20/4	0.885 to 0.900
Distillation Range, @168 to 230°C, % v/v	90 min

ITEM	VALUE
Moisture, %	insoluble in cool water
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?
- Biological function and mechanism of plant extracts(2)

- Dipentene, an effective, safe, biodegradable cleaning and degreasing material
- Ingevity: Pine-based adjuvants – “Green” and effective
- R&D on Terpinen-4-ol
- The benefits of Terpenes on health and well-being
- Terpinen-4-ol and alpha-terpineol (tea tree oil components) inhibit the production of IL-1beta, IL-6 and IL-10 on human macrophages

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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.