Foreverest Resources Ltd

Dehydroabietylamine (Leelamine)

98%

Dehydroabietylamine (Leelamine) is a diterpene compound derived from gum rosin. Through a series of distillation processes, turpentine oil is removed from the residual liquid. The remaining liquid is then filtered at approximately 210°C, cooled, and crystallized to produce the final substance. Dehydroabietylamine exhibits weak affinity for the cannabinoid receptors CB1 and CB2 and acts as an inhibitor of pyruvate dehydrogenase kinase. Optically active leelamine is also used as a chiral resolving agent for carboxylic acids.

Substance Identification

Synonyms	Leelamine, Amine D
CAS	N/A
EINECS	215-899-7

FEMA	N/A
HS.CODE	38062010
Molecular Formula	C20H31N
Moleclar Weight	321.9

Application & Uses

1. used as additive for electronic solder pastes
2. used as detergent for water treatment
3. used as disinfection agent for industry cleaning
4. used as dispersing agent of optics
5. used as flotation
6. used as intermediate for inks and medicine
7. used as ingredient of lubricants
8. used as abietylamine acetate for killing algae, bacteria, mildew, mollusk and others pest.
9. usded as preservative of petroleum pipeline
10. useed in pigment

Features & Benefits

1. Soluble in common organic solvents, such as alcohols, hydrocarbons and chlorizated solvents; insouble in cold water, but soluble in hot water slightly, about 0.5% at 100°C
2. Excellent emulsification, dispersion, solubilization, corrosion inhibition, lubrication, anti-static, anti-corrosion.

Sales Specification

ITEM	VALUE
Appearance	Yellow transparent viscous liquid with a faint ammoniacal ordor
Color, @Gardner	8 max
Content of total amine, @Neutralization titration, %	98 min
Refractive index, @n20/D	1.535 to 1.545

Package

- Package in 200kg iron drum net each

GHS Hazard Statements

No GHS data available

Storage

- avoid contact with light
- keep separated from incompatible substances
- store and handle in accordance with all current regulations and standards
- store in a cool, dry place
- store in a tightly closed container

Relation Products

- Abietic Acid (CAS 514-10-3)
- Rosin Amine (Abietylamine)
- Dehydroabietic Acid

Relation Articles

- Application of Gum Rosin
- The Species of Pine Oleoresin in China
- Application of Nonionic Surfactants based on Rosin As Corrosion Inhibitor for Tubing Steel During Acidization of Petroleum Oil and Gas Wells
- Real Bio-based Ingredients for Formulator's Toolbox
- Rosin Resins Codes Updated
- Study of Novel Rosin-Based Biomaterials for Pharmaceutical Coating

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.