

Foreverest Resources Ltd

Heliotropin

99%

Heliotropin is also known as piperonal. It is naturally found in various plants, including dill, vanilla, violet flowers, and black pepper, etc. It appears white crystalline powder with cherry-like odor. Heliotropin can be prepared by oxidizing isosafrole. It is widely used in the fragrance formulation of soaps, perfumes and cosmetics.

Substance Identification

Synonyms	PIPERONAL Piperonyl aldehyde Piperonaldehyde Protocatechualdehyde methylene ether
CAS	N/A
EINECS	204-409-7

FEMA	N/A
HS.CODE	293200
Molecular Formula	C8H6O3
Molecular Weight	150.133

LD50 oral, rat

2700mg/kg

Application & Uses

- used as raw material for synthesizing fine chemical products, such as 2-Methyl-3-(3,4-methylenedioxyphenyl)propanal, piperonyl acetone, and jasmine
- widely used as pharmaceutical intermediate, such as berberine, sesamol and pyrethrum
- used for direct preparation of insecticides
- used in the blending of various fragrance, such as the fragrance of cosmetics, indoor deodorant and daily chemicals
- used in the flavor of food and beverage
- used as a brightener for nickel plating in electroplating industry

Features & Benefits

- Soluble in alcohol, benzyl benzoate, dipropylene glycol, fixed oils; insoluble in paraffin

Sales Specification

ITEM	VALUE
Appearance	white Crystalline powder
Odor	Cherry-like
Acid Value, KOH/g	3.00 max
Purity, %	99 min
LD50 oral, rat	2700mg/kg

Similar Specs

[Helional](#)

Package

- Fiber drum inner plastic bag, 25kg net each

GHS Hazard Statements

H-Code	H317
P-Code	P261/272/280
Response	P302+P352 P333+P313 P321 P362+P364
Storage	No data available
Disposal	P501

UN Number: UN 1993 3/PG 3 | S-phrases: S61-S24/25 | R-phrases: R38/52/53

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 tightly closed
- keep in a cool, well-ventilated place

Relation Articles

- [Biopesticide development, registration, and commercial formulations](#)
- [Green Chemistry About Biopesticide](#)
- [Insecticidal and synergistic effects of Majoranahortensis essential oil and some of its major constituents](#)
- [Flavor Bites: The Chameleon FEMA GRAS List](#)

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.

Manage consent