

Foreverest Resources Ltd

Rose Oxide

90%

Rose oxide is naturally found in Bulgaria rose oil and reunion geranium oil. It appears colorless to pale yellow liquid with floral and rose odor. Rose oxide is mixture of CIS and trans isomers, and there are right-handed and left-handed rotation types. The odor of CIS is sweet and delicate, while the odor of trans isomer is green. Rose oxide is prepared by the photosensitized oxidation of citronella. It is widely applied in the fragrance formulation of daily chemical products.

Substance Identification

Synonyms	tetrahydro-4-methyl-2-(2-methylprop-1-enyl)pyran 4-Methyl-2-(2-methyl-1-propenyl)tetrahydro-2H-pyran
CAS	N/A
EINECS	240-457-5

FEMA	N/A
HS.CODE	N/A
Molecular Formula	C10H18O
Molecular Weight	154.251

LD50 oral, rat	□4.3g/kg
LD50 dermal, rabbit	□5g/kg

Application & Uses

- used in all of roses, geranyl and floral fragrance formulation for beauty care, hair care, and laundry Care
- used in flavor of daily products, such as flavor of tobacco

Sales Specification

ITEM	VALUE
Appearance	Colorless to pale yellow liquid

ITEM	VALUE
Odor	Floral, Rose, Geranium
Refractive Index, @ n20/D	1.450~1.458
Relative Density, @ d25/25	0.863~0.878
Purity, G.C, %	99
-----cis isomer, %	71.0
-----trans isomer, %	28.0
LD50 oral, rat	□4.3g/kg
LD50 dermal, rabbit	□5g/kg

Package

- Aluminum Bottle, 5kg net each
- Drum, 25kg net each
- Drum, 170kg net each
- Galvanized Iron Drum, 25kg net each
- Galvanized Iron Drum, 170kg net each
- HDPE Drum, 25kg net each
- HDPE Drum 170kg net each

GHS Hazard Statements

H-Code H227/315/319
P-Code P264/280/203
Response P302+P352 P321 P332+P317 P362+P364 P305+P351+P338 P318
Storage P405
Disposal P501
S-phrases: [S36](#) | R-phrases: [R38](#)

Storage

- containers which are opened must be carefully resealed and kept upright to prevent leakage
- keep container tightly closed in a dry and well-ventilated place
- store in cool place

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.