



Product : Galbanum Essential Oil

Version : No 5. (13/05/2024)

Origin : IRAN

Phaidyme Herbs Company

SAY NO TO MEDIOCRITY and YES TO EXCELLENCE





COMPETITIVE ADVANTAGE

The raw material for the production of Galbanum essential oil is Galbanum resin.

Phaidyme Company not only extracts Galbanum resin but also produces Galbanum essential oil based on various qualities of extracted Galbanum resin. These Galbanum essential oils are graded for export purposes.

The experts at Phaidyme, equipped with comprehensive knowledge of the quality of various types of Galbanum resin in Iran, identify and export the best Iranian Galbanum resin to meet the needs of companies active in the perfume, cosmetics, special glue production for precious jewelry, and pharmaceutical industries each year.

OVERVIEW

Substance Class	Structurally Diverse
Source Materials Class	Organism
Source Materials Type	Plant
Fraction Name	Volatile Oil

NAMES

Commercial Name	Galbanum Oil
INCI Name	Ferula Galbaniflua Resin Oil
Official Name	Ferula Galbaniflua (Galbanum) Resin Oil



COMMON NAMES

Row	Common Names
1	Galbanum Essential Oil
2	Ferula Gummosa Resin Oil
3	Galbanum Volatile Oil
4	Galbanum Oil [FHF]
5	Ferula Galbaniflua (Galbanum) Resin Oil [INCI]

IDENTIFIERS

Code System	Code	Description
FEMA	2501	-
EU CAS	93165-40-3	-
TSCA CAS	8023-91-4	-
EINECS	232-532-6	-
CFR	21CFR172.510	-
DAILYMED	211UF7M8N1	-
NCI_THESAURUS	C72188	-
FDA UNII	211UF7M8N1	-
EPA CompTox	DTXSID001009811	-
RIFM	Monograph 216	-
RXCUI	1307685	RxNorm



SPECIFICATIONS

Type	Natural Essential Oil
Status	100% Pure & Natural
Shelf Life	12 months
Flash Point	40°C
Kosher	Yes
Use Of The Substance/Mixture	Ingredient Used In Flavor and/or Fragrance Preparations
Physical State	Liquid
Odor	Conforms To Standard
Extraction Method	Steam Distillation
Raw Material	IRANIAN GUM
Molecular Formula	$C_{66}H_{96}O_6$
Origin	IRAN

APPEARANCE

Physical State	Liquid
Appearance at 20°C	Clear Mobile Liquid
Color	Colorless To Pale Yellow

PLANT

Botanical Name	Ferula Gummosa (Synonym F. Galbaniflua)
Plant Part	Resin (Exudation)



MAIN CHEMICAL COMPONENTS

NO.	Components
1	β -pinene
2	δ -3-Carene
3	α -pinene

OLFACTIVE

Olfactive Family: Green

Olfactive Description:

Row	Olfactive
1	Green
2	Terpenic, with bitter and earthy notes
3	Slightly woody

APPLICATION

A	Can Be Used Aromatically
T	Can Be Used Topically
N	Can Be Used With No Dilution (Neat)



RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified use (s):

Essential Oil. Perfume/fragrance material for manufacturing purposes only.

NOVEL KEY AROMA COMPONENTS OF GALBANUM OIL

Galbanum oil is composed of monoterpenes in large amounts and pyrazines in small amounts.

Although the monoterpenes are the main components of galbanum oil, they hardly contribute to the distinct galbanum aroma. The scanty amounts of pyrazines, in contrast, contribute significantly to the aroma.

Alpha-pinene (α -pinene) and Beta-pinene (β -pinene) are well-known representatives of the monoterpenes group.

Alpha-pinene and Beta-pinene are found in Persian turpentine (resin of *Pistacia atlantica* Desf.) and Frankincense as well. But are the scents of these two similar to each other?!

In a study conducted in 2009, the following components were identified as novel key aroma components responsible for the fruity-green-balsamic notes in galbanum oil.

Row	Components
1	(6Z,8E)-undeca-6,8,10-trien-3-one (2a)
2	(6Z,8E)-undeca-6,8,10-trien-4-one (3a)

Also, the following components were identified for the first time solely in galbanum oil and not in other natural products.

Row	Components
1	(6E/Z,8E)-undeca-6,8,10-trien-3-one (2)
2	(6E/Z,8E)-undeca-6,8,10-trien-4-one (3)



OTHER USES

COSMETIC

- a) Add one drop of Galbanum oil to your favorite facial, body, or surface cleanser.
- b) Combine a few drops of Galbanum oil with Fractionated Coconut Oil and apply to desired areas for a relaxing aroma during a comforting massage.

HOUSEHOLD

- Diffuse three to four drops of Galbanum oil for a fresh aroma throughout your space.

DIRECTIONS FOR USE

DIFFUSION

- Use three to four drops in the diffuser of choice.

TOPICAL USE

- a) Apply one to two drops to desired area.
- b) Dilute with a carrier oil to minimize any skin sensitivity.

CAUTIONS

Possible skin sensitivity. Keep out of reach of children. If you are pregnant, nursing, or under a doctor's care, consult your physician. Avoid contact with eyes, inner ears, and sensitive areas. For external use only.



DANGER

H226	Flammable Liquid And Vapor
H303	May Be Harmful If Swallowed
H304	May Be Fatal If Swallowed And Enters Airways
H315	Causes Skin Irritation
H317	May Cause An Allergic Skin Reaction
H410	Very Toxic To Aquatic Life With Long Lasting Effects

TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.)	UN 1169 EXTRACTS, AROMATIC, LIQUID
ADR/RID (Road/Rail)	Class 3
IMDG/IMO (Sea)	Class 3
ICAO/IATA (Air)	Class 3
UN Number	1169
Packing Group	III

Packing Instructions: Miscellaneous dangerous substances and articles, transport in suitable container.

STORAGE

Requirements for storage areas and containers:

Store in a cool, dry, ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.



PRICE INQUIRY AND PURCHASE

To inquire about the price of Galbanum Essential Oil, please send us a Letter of Intent (LOI) on your company letterhead. Make sure to include the requested information below accurately in your LOI.

The commercial department of Phaidyme will review your Letter of Intent (LOI), and they will respond to your email in less than **24 hours**.

Commercial Department Email: info@phaidyme.com

The required information for price inquiry:

- Intended usage (Perfume, Cosmetics, Expensive Jewelry Glue Production, etc.)
- The best price (per Liter) for you based on the quality of the Galbanum Essential Oil you need
- The exact amount required (Liter)
- Approximate amount of α -Pinene and β -Pinene required
- Location and Incoterms of Cargo Delivery (sales term)
- Your desired packaging (type and weight)
- The documents required for customs clearance in the destination country

We have fully introduced the Galbanum Essential Oil product of Phaidyme Company;

Click the button below to read:

[Galbanum Essential Oil - Click](#)