

# SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22,2022

Print Date : March 19, 2023

## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product name : Myrrh Indian Resinoid  
Botanical name : Commiphora myrrha  
INCI name : Commiphora Myrrha Gum Oil  
Country of Origin : India  
Product use : Domestic and Industrial

## 2. HAZARDS IDENTIFICATION

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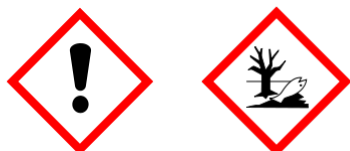
### Emergency Overview

### GHS Classification

Acute toxicity, Oral - Category 4

Aquatic toxicity, Chronic - Category 2

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

H302 Harmful if swallowed.

H411 Toxic to aquatic life with long-lasting effects.

### Precautionary statement(s)

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.

P330 Rinse mouth.

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container according to local regulations.

## 3. COMPOSITION / INFORMATION INGREDIENTS

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<b>Product Name</b>	<b>CAS NO</b>	<b>EC NO</b>	<b>Concentration</b>
Myrrh Resinoid	8016-37-3	-	20 %
Benzoin Benzoate	120-51-4	204-402-9	80 %

#### **4. FIRST AID MEASURES**

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##### **Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

##### **Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

##### **Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

##### **Ingestion**

Seek medical attention or contact local poison control center.

#### **5. FIRE FIGHTING MEASURES**

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##### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

##### **Unsuitable extinguishing media**

Water spray, water jet.

##### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

##### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

##### **Resulting gases**

Carbon oxides.

#### **6. ACCIDENTAL RELEASE MEASURES**

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##### **Personal precautions, protective equipment and emergency procedures.**

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

##### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

##### **Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

#### **7. HANDLING AND STORAGE**

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##### **Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

##### **Conditions for safe storage, including any incompatibilities**

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Eyes

Use tightly sealed goggles.

### Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Pale amber to amber viscous liquid.
Odor	:	Characteristic odor.
Flash point	:	130°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.

## 10. STABILITY AND REACTIVITY

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### Reactivity

This material presents no significant reactivity hazard.

### Chemical stability

Chemically stable.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

Avoid sparks, flame and other heat sources.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

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### Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

### Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

Avoid any pollution of ground, surface or underground water.

### Persistence and degradability

Not available.

### Bio - accumulative potential

Not available.

### Mobility in soil

Not available.

**Other adverse effects**

Not available.

**13. DISPOSAL CONSIDERATION**

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

**14. TRANSPORT INFORMATION**

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**US DOT Shipping Description (Land)**

3082

**Proper shipping name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Class**

9

**Packaging group**

III

**IMO-IMDG Shipping Description (Sea)**

3082

**Proper shipping name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Class**

9

**Packaging group**

III

**IATA Shipping Description (Air)**

3082

**Proper shipping name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Class**

9

**Packaging group**

III

**15. REGULATORY INFORMATION**

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**California Proposition 65**

No components of this product is listed under the California Proposition 65.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

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Revision date : April 22,2022



**CERTIFICATE OF ANALYSIS****Product** : Myrrh Indian Resinoid

Lot No : 11243C107211

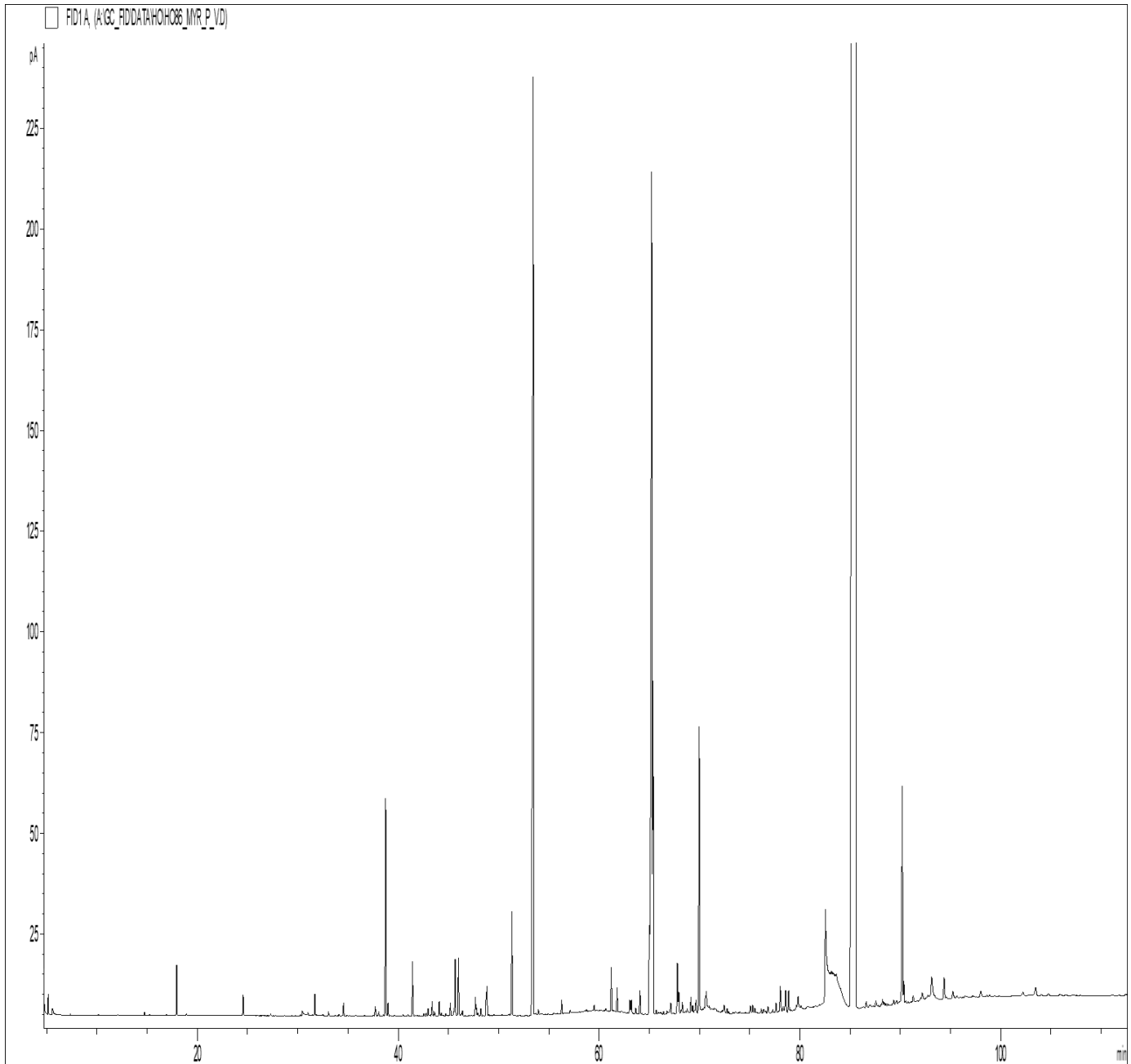
Best Before : July, 2024

<b><u>Properties</u></b>	<b><u>Specifications</u></b>	<b><u>Results</u></b>
Appearance	: Pale amber to amber viscous liquid.	Complies
Odor	: Characteristics odor.	Complies
Solubility	: Soluble in alcohol and partial soluble other oils and solvents.	Complies
Residual Solvent	: < 2 %	Complies
Benzyl Benzoate	: -----	Complies

## GCMS ANALYSIS

PRODUCT NAME: MYRRH INDIAN RESINOID - 11243

DATE: June 1, 2022



*Due to volume turnover, this report is not lot specific, It is representative of the quality of this oil produced by the manufacturer of this product, Specific lots may vary slightly as is the case in natural products,*

## GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH INDIAN RESINOID - 11243

Peak	RT (min)	Compound name	%
1	5,60	ETHANOL	0,03
2	17,93	trans-beta-OCIMENE	0,16
3	24,56	2-PENTANONE, 4-HYDROXY-4-METHYL-	0,07
4	30,46	ACETIC ACID	0,03
5	31,70	delta-ELEMENE	0,07
6	33,06	alpha-COPAENE	0,01
7	34,56	beta-BOURBONENE	0,05
8	37,72	alpha-SANTALENE	0,04
9	38,08	beta-CUBEBENE	0,02
10	38,76	beta-ELEMENE	0,80
11	38,99	beta-CARYOPHYLLENE	0,05
12	41,43	GERMACRENE A	0,20
13	42,80	SESQUITERPENE	0,01
14	42,99	alpha-HUMULENE	0,03
15	43,39	gamma-SELINENE	0,06
16	43,62	4,5-di-epi-ARISTOLOCHENE	0,02
17	44,09	gamma-MUUROLENE	0,06
18	44,31	SESQUITERPENE	0,01
19	45,20	GERMACRENE D	0,05
20	45,68	beta-SELINENE	0,25
21	46,00	alpha-SELINENE	0,24
22	46,40	SESQUITERPENE	0,02
23	47,70	delta-CADINENE	0,07
24	47,79	gamma-CADINENE	0,03
25	47,94	7-epi-alpha-SELINENE	0,01
26	48,25	delta-SELINENE	0,03
27	48,78	SELINA-3,7-DIENE	0,08
28	48,85	alpha-PANASINSEN	0,11
29	51,33	GERMACRENE B	0,41
30	53,46	<b>CURZERENE</b>	<b>6,58</b>



GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH INDIAN RESINOID - 11243

Peak	RT (min)	Compound name	%
31	53,96	COMPOUND Mw=216	0,02
32	56,29	COMPOUND Mw=250	0,05
33	59,53	COMPOUND Mw=250	0,02
34	61,22	GUAIOL ISOMER	0,17
35	61,81	BENZOFURANIC COMPOUND Mw=214	0,09
36	63,07	COMPOUND Mw=246	0,05
37	63,24	ELEMOL	0,06
38	63,64	trans-beta-ELEMENONE	0,03
39	64,08	FURANODIENE ISOMER Mw=216	0,10
40	65,02	FURANODIENE ISOMER Mw=216	0,20
41	65,26	<b>FURANOEUDESMA-1,3-DIENE</b>	<b>5,31</b>
42	65,39	LINDESTRENE	1,36
43	65,69	COMPOUND Mw=216	0,03
44	65,93	COMPOUND Mw=216	0,02
45	66,15	COMPOUND Mw=214	0,02
46	66,80	gamma-EUDES MOL	0,03
47	67,15	T-CADINOL	0,07
48	67,41	AGAROSPIROL	0,02
49	67,81	ACETYL-8,12-EPOXY-GERMACRA-1,4,7,11-TETRAENE ISOMER	0,22
50	67,95	SESQUITERPENOL	0,11
51		DITERPENE	
52	68,30	AROMATIC COMPOUND Mw=212	0,04
53	69,15	DITERPENE	0,06
54	69,66	beta-EUDES MOL	0,07
55	69,99	2-METHYL-8,12-EPOXY-GERMACRA-1,4,7,11-TETRAENE	2,01
56	70,61	SESQUITERPENOL	0,03
57	70,69	beta-NOOTKATOL	0,09
58	72,45	AROMATIC COMPOUND	0,03
59	72,76	JUNIPER CAMPHOR	0,03
60	72,91	DITERPENE	0,02

## GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH INDIAN RESINOID - 11243

Peak	RT (min)	Compound name	%
61	73,60	AROMATIC COMPOUND Mw=212	0,02
62	75,08	AROMATIC COMPOUND Mw=262	0,04
63	75,30	SESQUITERPENIC OXIDE	0,04
64	75,51	SESQUITERPENIC OXIDE	0,02
65	76,17	AROMATIC COMPOUND	0,02
66	76,42	AROMATIC COMPOUND	0,02
67	76,83	2-METHOXY-FURANOQUAIA-9-EN-8-ONE ISOMER	0,03
68	77,31	SESQUITERPENIC OXIDE	0,02
69	77,63	2-METHOXY-FURANOQUAIA-9-EN-8-ONE ISOMER	0,05
70	78,06	2-METHOXY-FURANOQUAIA-9-EN-8-ONE	0,15
71	78,33	COMPOUND Mw=246	0,03
72	78,58	COMPOUND Mw=246	0,12
73	78,89	CURZERENIC ESTER Mw=274	0,10
74	79,66	SESQUITERPENIC OXIDE	0,02
75	79,83	AROMATIC COMPOUND	0,08
76	80,12	COMPOUND Mw=246	0,01
77	82,56	<b>ACETYL-8,12-EPOXY-GERMACRA-1,4,7,11-TETRAENE</b>	<b>3,94</b>
78	85,56	<b>BENZYL BENZOATE</b>	<b>72,66</b>
79	86,62	COMPOUND Mw=230	0,04
80	86,94	COMPOUND Mw=232	0,02
81	87,04	AROMATIC COMPOUND Mw=232	0,01
82	87,58	AROMATIC COMPOUND Mw=232	0,04
83	88,23	CURZERENIC ESTER Mw=274	0,04
84	88,39	AROMATIC COMPOUND Mw=234	0,02
85	88,56	CURZERENIC ESTER Mw=274	0,01
86	89,35	CURZERENIC ESTER Mw=274	0,03
87	89,65	DITERPENE	0,04
88	89,86	AROMATIC COMPOUND	0,02
89	90,20	DIISOPROPYLNAPHTHALENE COMPOUND Mw=272	1,05
90	90,36	CEMBRENOL	0,10

## GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH INDIAN RESINOID - 11243

Peak	RT (min)	Compound name	%
91	90,56	AROMATIC COMPOUND	0,02
92	92,03	COMPOUND Mw=232	0,01
93	92,19	COMPOUND Mw=232	0,05
94	93,14	TERPENIC COMPOUND	0,49
95	94,37	AROMATIC COMPOUND Mw=232	0,13
96	95,23	AROMATIC COMPOUND Mw=232	0,05
97	96,45	AROMATIC COMPOUND Mw=232	0,01
98	98,02	COMPOUND Mw=230	0,05
99	102,22	AROMATIC COMPOUND	0,03
100	103,49	AROMATIC COMPOUND	0,09
101	104,04	AROMATIC COMPOUND	0,02
102	104,75	AROMATIC COMPOUND	0,03
103	105,90	AROMATIC COMPOUND	0,02
		<b>TOTAL</b>	<b>99,72</b>

### Limitación de Responsabilidad

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