



**Artisan Aromatics**  
1708 Lena Street, #103  
Santa Fe, NM 87505  
(505) 231-9439

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** Lime Oil, Distilled, Mexico

**Version:** 2

### 1. IDENTIFICATION

#### Product Identifier

**Product identifier:** Lime Oil, Distilled, Mexico; CAS: 8008-26-2

**Other identifiers:** Lime Oil, Distilled, Mexico CitAur3 Citrus aurantifolia

#### Recommended use of the chemical and restrictions on use

**Product uses:** Essential Oil

#### Supplier Details

**Company name:** Artisan Aromatics

**Company address:** 1708 Lena Street, #103  
Santa Fe, NM 87505

**Contact:** Stephanie Ariel

**E-Mail address:** hello@artisanaromatics.com

**Company phone:** 505-231-9439

#### Emergency telephone number

**Emergency phone:** ChemTel: 1-800-255-3924 (Domestic)

### 2. HAZARD IDENTIFICATION

#### Classification

**This product is classified under 29CFR 1910.1200(d) as follows:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Class and category of danger:** Flammable Liquid, Hazard Category 3  
Skin Corrosion / Irritation Category 2

Sensitization - Skin Category 1B

Aspiration Hazard Category 1

**Signal word:** Danger

**Hazard statements:** Flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.

**M factor:** None

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** Lime Oil, Distilled, Mexico

**Version:** 2

**Pictograms:**



**Precautionary statements:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical, ventilating and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing vapour or dust.  
Wash hands and other contacted skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/eye protection/face protection.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
Do not induce vomiting.  
If skin irritation or rash occurs: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
Store in a well-ventilated place. Keep cool.  
Store locked up.  
Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Hazards not otherwise classified (HNOC)** None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

**Product identifier:** Lime Oil, Distilled, Mexico; CAS: 8008-26-2

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

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**Version:** 2

**Contains:**

Name	CAS	%	GHS Classification
d-Limonene	5989-27-5	50-100%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
p-Mentha-1,4-diene	99-85-4	10-<20%	Flam. Liq. 3-Asp. Tox 1;H226-H304
alpha-Terpineol	98-55-5	5-<10%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H315-H319
Terpinolene	586-62-9	5-<10%	Flam. Liq. 4-Skin Sens. 1B-Asp. Tox 1;H227-H304-H317
beta-Pinene	127-91-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
p-Mentha-1,3-diene	99-86-5	1-<5%	Flam. Liq. 3-Acute Tox. 4-Asp. Tox 1;H226-H302-H304
1,4-Cineole	470-67-7	1-<5%	Flam. Liq. 3;H226
p-Cymene	99-87-6	1-<5%	Flam. Liq. 3-Asp. Tox 1;H226-H304
Myrcene	123-35-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2A-Asp. Tox 1;H226-H304-H315-H319
Eucalyptol	470-82-6	1-<5%	Flam. Liq. 3-Skin Sens. 1B;H226-H317
alpha-Pinene	80-56-8	1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317
Linalool	78-70-6	0.1-<1%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B;H227-H315-H317-H319
Citral	5392-40-5	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1;H315-H317-H319
beta-Caryophyllene	87-44-5	0.1-<1%	Skin Sens. 1B-Asp. Tox 1;H304-H317
Geranyl acetate	105-87-3	<0.1%	Skin Irrit. 2-Skin Sens. 1;H315-H317
Geraniol	106-24-1	<0.1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315-H317-H318
delta-3-Carene	13466-78-9	<0.1%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1-Asp. Tox 1;H226-H304-H315-H317

The exact percentage concentrations of components are being withheld as a trade secret.

### 4. FIRST-AID MEASURES

**Description of first aid measures**

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

**Skin exposure:** IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

**Most important symptoms and effects, both acute and delayed**

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

**Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** Lime Oil, Distilled, Mexico

**Version:** 2

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

#### **Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### **Specific hazards arising from the chemical**

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### **Protective Equipment and Precautions for Firefighters**

In case of insufficient ventilation, wear suitable respiratory equipment.

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

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

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### **Methods and material for containment and cleaning up:**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

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

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

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

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

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control parameters**

#### **Exposure guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### **Other exposure guidelines**

No information available

#### **Exposure controls**

#### **Engineering measures**

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

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Showers, eyewash stations, ventilation systems.

### Individual protection measures, such as personal protective equipment

#### **Eye/Face and Skin Protection**

Wear protective gloves/eye protection/face protection, and suitable protective clothing

#### **Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

#### **Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

<b>Appearance:</b>	Not determined
<b>Odor:</b>	Not determined
<b>Odor threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Melting point / freezing point:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined
<b>Flash point:</b>	127 °F / 53 °C
<b>Evaporation rate:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined
<b>Upper/lower flammability or explosive limits:</b>	Product does not present an explosion hazard
<b>Vapor pressure:</b>	Not determined
<b>Vapor density:</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubility(ies):</b>	Not determined
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b><u>Other information:</u></b>	None available

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** Lime Oil, Distilled, Mexico

**Version:** 2

### 10. STABILITY AND REACTIVITY

**Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

**Chemical stability:**

Good stability under normal storage conditions.

**Possibility of hazardous reactions:**

Not expected under normal conditions of use.

**Conditions to avoid:**

Avoid extreme heat.

**Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:**

Not expected.

### 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects**

**Acute Toxicity:**

Acute Toxicity Oral

Based on available data the classification criteria are not met.  
>5000

Acute Toxicity Dermal

Not Applicable

Acute Toxicity Inhalation

Not Available

**Skin corrosion/irritation:**

Skin Corrosion / Irritation Category 2

**Serious eye damage/irritation:**

Based on available data the classification criteria are not met.

**Respiratory or skin sensitisation:**

Sensitization - Skin Category 1B

**Germ cell mutagenicity:**

Based on available data the classification criteria are not met.

**Carcinogenicity:**

Based on available data the classification criteria are not met.

**Reproductive toxicity:**

Based on available data the classification criteria are not met.

**STOT-single exposure:**

Based on available data the classification criteria are not met.

**STOT-repeated exposure:**

Based on available data the classification criteria are not met.

**Aspiration hazard:**

**Additional Information**

None available

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Toxic to aquatic life with long lasting effects.

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Product:** Lime Oil, Distilled, Mexico

**Version:** 2

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Mobility in soil:** Not available

**Other adverse effects:** Not available

### **13. DISPOSAL CONSIDERATIONS**

#### **Waste treatment**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### **14. TRANSPORT INFORMATION**

	<b>14.1 UN number:</b>	<b>14.2 UN Proper Shipping Name:</b>	<b>14.3 Transport hazard class(es):</b>	<b>Sub Risk:</b>	<b>14.4. Packing Group:</b>
<b>UN Model Regulations</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	III
<b>US DOT</b>	None	-			-
<b>US DOT (Bulk)</b>	NA1993	COMBUSTIBLE LIQUID, N.O.S. (Methyl cyclohexadiene (mixture of isomers), d-Limonene)			III
<b>IMDG</b>	UN1169	EXTRACTS, AROMATIC, LIQUID (d-Limonene) MARINE POLLUTANT	3	-	III
<b>ADR,RID,ADN</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	III
<b>ICAO TI</b>	UN1169	EXTRACTS, AROMATIC, LIQUID	3	-	III

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

**Environmental hazards:** This is an environmentally hazardous substance.

**Special precautions for user:** None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

### **15. REGULATORY INFORMATION**

#### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

RIFM ID Number: 170-G2.12

LM Unique Identifier: LM3292

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

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### Additional information

None additional

### 16. OTHER INFORMATION

#### **Key to revisions:**

Product identifier

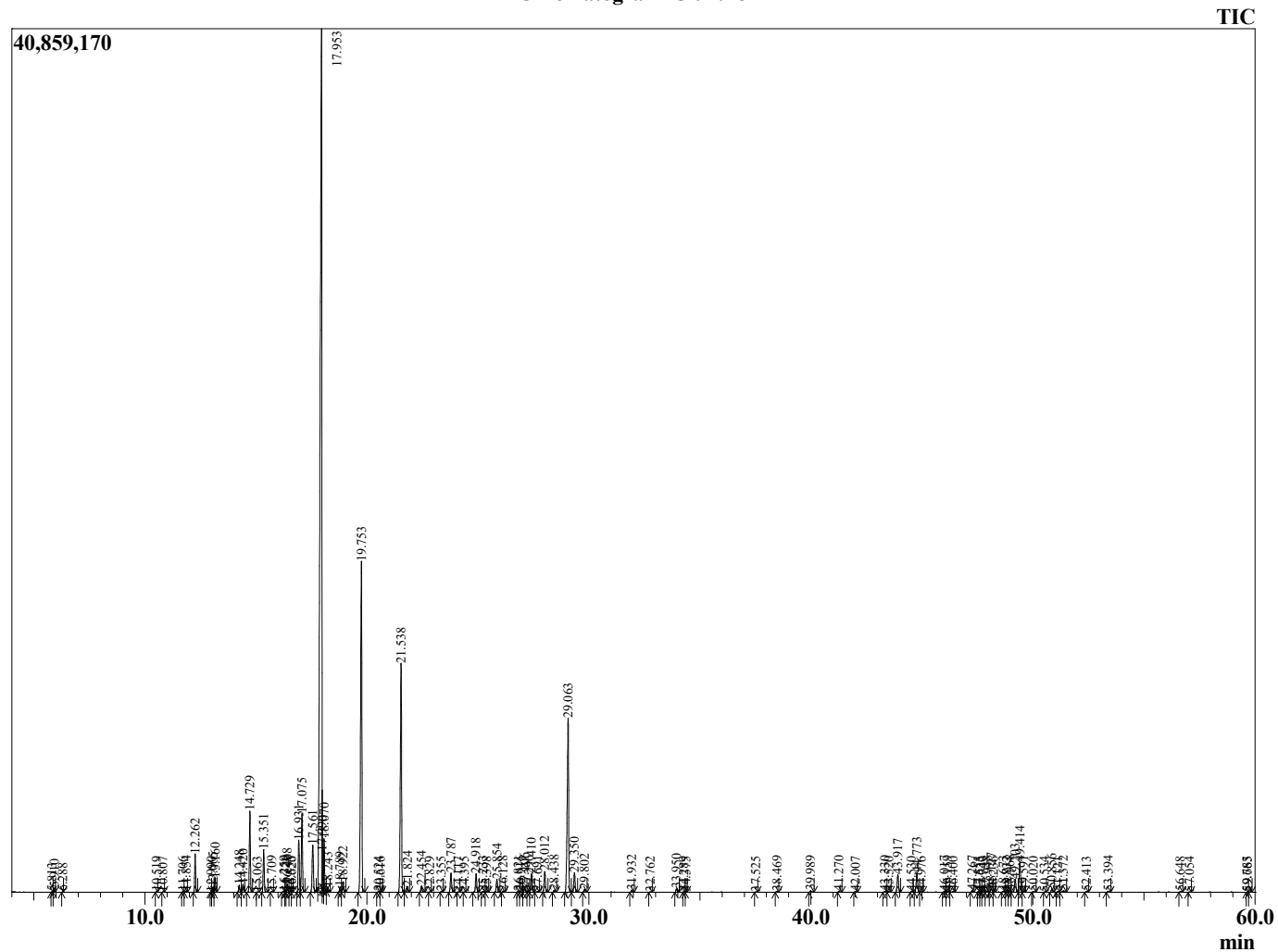
The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.



# Sample Information

Analyzed by : J. Odulio  
 Analyzed : 1/26/2022 9:13:52 PM  
 Sample Type : Essential Oil  
 Sample Name : CitAur3  
 Injection Volume : 0.10  
 Lot Number : G0E1117N  
 Instrument ID : GC-4

## Chromatogram CitAur3



R.Time	Name	Area%
5.813	Limediene isomer	0.01
5.910	Limediene	0.08
6.288	Limediene isomer	0.01
10.519	Nonae	0.02
10.807	Bornylene	0.01
11.706	Tricyclene	0.01
11.854	alpha-Thujene	0.03
12.262	alpha-Pinene	1.05
12.990	Unidentified	0.01
13.065	alpha-Fenchene	0.15
13.160	Camphene	0.42
14.248	Bois de Rose oxide	0.23
14.420	Sabinene	0.24
14.729	beta-Pinene	2.43
15.063	6-Methyl hept-5-en-2-one	0.01
15.351	Myrcene	1.34
15.709	Unidentified	0.03
16.259	Pseudolimonene	0.06
16.326	Unidentified	0.03
16.408	alpha-Phellandrene	0.28
16.553	delta-3-Carene	0.02
16.620	Unidentified	0.01
16.931	1,4-Cineole	1.77
17.075	alpha-Terpinene	2.61
17.561	para-Cymene	1.81
17.953	Limonene	45.99
17.990	beta-Phellandrene	0.50
18.070	1,8-Cineole	1.17
18.243	cis-beta-Ocimene	0.08
18.789	2,2-Dimethyl-5-(1-methyl-1-propenyl)-tetrahy	0.18
18.922	trans-beta-Ocimene	0.38
19.753	gamma-Terpinene	12.76
20.524	Octanol	0.03
20.616	Pinol	0.02
21.538	Terpinolene	8.53
21.824	para-Cymenene	0.20
22.454	Linalool	0.24
22.829	Nonanal	0.01
23.355	1,3,8-para-Mentha-Triene	0.02
23.787	alpha-Fenchol	0.73
24.117	exo-Fenchol	0.01
24.395	allo-Ocimene	0.01
24.918	Terpin-3-en-1-ol	0.68
25.233	Menthatriene analogue	0.03
25.398	Unidentified	0.03
25.854	trans-beta-Terpineol	0.49
26.128	Terpineol analogue	0.04
26.821	Isoborneol	0.04
26.916	Ocimenol	0.03
27.106	cis-beta-Terpineol	0.14
27.296	delta-Terpineol	0.05
27.410	Borneol	0.72
27.691	Unidentified	0.03
28.012	Terpinen-4-ol	0.79
28.438	para-Cymen-8-ol	0.08
29.063	alpha-Terpineol	7.36

R.Time	Name	Area%
29.350	gamma-Terpineol	0.74
29.802	Decanal	0.11
31.932	Neral	0.09
32.762	Geraniol	0.02
33.950	Geranial	0.13
34.289	Decanol	0.02
34.375	cis-Ascidol glycol	0.01
37.525	Unidentified	0.01
38.469	delta-Elemene	0.03
39.989	Neryl acetate	0.07
41.270	Geranyl acetate	0.05
42.007	beta-Elemene	0.03
43.330	Dodecanal	0.03
43.520	cis-alpha-Bergamotene	0.03
43.917	beta-Caryophyllene	0.74
44.530	gamma-Elemene	0.02
44.773	trans-alpha-Bergamotene	0.80
44.976	Unidentified	0.03
46.017	trans-beta-Farnesene	0.04
46.159	alpha-Humulene	0.06
46.400	beta-Santalene	0.04
47.267	Selina-4,11-diene	0.07
47.555	gamma-Curcumene	0.01
47.635	alpha-Murolene	0.01
47.749	Germacrene D	0.01
47.948	Unidentified	0.07
48.127	delta-Selinene	0.16
48.236	beta-Selinene	0.03
48.673	alpha-Selinene	0.05
48.832	alpha-Murolene	0.01
48.968	cis-alpha-Bisabolene	0.08
49.203	trans,trans-alpha-Farnesene	0.56
49.414	beta-Bisabolene	1.29
49.591	cis-gamma-Bisabolene	0.05
50.020	delta-Cadinene	0.04
50.534	trans-gamma-Bisabolene	0.01
50.856	alpha-Maaliene	0.15
51.121	Selina-4(15),7(11)-diene	0.03
51.372	trans-alpha-Bisabolene	0.08
52.413	Germacrene B	0.03
53.394	Caryophyllene alcohol	0.04
56.648	gamma-Eudesmol	0.03
57.054	Unidentified	0.01
59.663	epi-alpha-Bisabolol	0.01
59.785	alpha-Bisabolol	0.02
		100.00