

Safety Data Sheet

According to US Hazard Communication Standard 29CFR 1910.1200 (HCS2012)



1. Identification

Product Information: ACLMN409 1
Product Name: AC LEMON
Recommended Use: Fragrance

Supplied by: Aroma Creations
 951 South Pine Street
 Spartanburg, SC 29302

SDS Contact: regulatory@aromacreations.com
Emergency Telephone: CHEMTREC 1(800)424-9300

2. Hazards Identification

GHS Classification: Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1

Symbol(s) of Product



Signal Word: Danger

GHS HAZARD STATEMENTS

Aspiration Hazard, category 1	H304	May be fatal if swallowed and enters airways.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Flammable Liquid, category 3	H226	Flammable liquid and vapour.
Skin Irritation, category 2	H315	Causes skin irritation.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use Dry chemical, CO2, water spray, fog or alcohol-resistant foam to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to with local/regional/national/international regulations.

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHSYMBOLS</u>	<u>GHS PHRASES</u>
d-Limonene	5989-27-5	50-75	GHS02- GHS07-GHS08	H226-304-315- 317
7-Octen-2-ol, 2,6-dimethyl-	18479-58-8	2.5-10	GHS07	H227-315-319
2,2-dimethyl-3-methylidenebicyclo[2.2.1]heptane	79-92-5	2.5-10	GHS07	H317-319
Geranial	141-27-5	2.5-10	GHS07	H302-315-317- 319
Neral	106-26-3	2.5-10	GHS07	H315-317-319
3-cyclohexene-1-methanol, .alpha.,.alpha.,4-trimethyl-	98-55-5	2.5-10	GHS07	H227-315-319
7-Octen-2-ol, 2,6-dimethyl-	18479-58-8	2.5-10	GHS07	H227-315-319
Myrcene (as part of a natural complex substance)	123-35-3	1.0-2.5	GHS02- GHS07-GHS08	H226-304-315- 319
Terpinolene	586-62-9	1.0-2.5	GHS07-GHS08	H227-304-317
1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	99-85-4	1.0-2.5	GHS02-GHS08	H226-304
.alpha.-Pinene	80-56-8	1.0-2.5	GHS02- GHS07-GHS08	H226-304-315- 317

Exact percentages have been withheld as trade secret in accordance with 29 CFR 1910.1200

4. First-aid Measures

- 4.1 GENERAL ADVICE:** Get medical attention if irritation develops and persists.
- 4.2.1 EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
- 4.2.2 INGESTION:** Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Rinse mouth.
- 4.2.3 INHALATION:** Move to fresh air.
- 4.2.4 SKIN CONTACT:** Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
- 4.3 MOST IMPORTANT SYMPTOMS/ACUTE AND DELAYED EFFECTS:** Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.
- 4.4 NOTES TO PHYSICIAN:** Treat symptomatically.

5. Fire-fighting Measures

- 5.1 EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 5.2 USUITABLE EXTINGUISHING MEDIA:** Do not use a solid water stream as it may scatter and spread fire.
- 5.3 UNUSUAL FIRE AND EXPLOSION HAZARDS:** Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Hazardous decomposition products formed under fire conditions.
- 5.4 SPECIAL FIREFIGHTING PROCEDURES:** Standard procedure for chemical fires.
- 5.5 FIRE FIGHTING EQUIPMENT:** In the event of fire, wear self-contained breathing apparatus.

6. Accidental Release Measures

- 6.1 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Prevent further leakage or spillage if safe to do so. Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact.
- 6.2 ENVIRONMENTAL PRECAUTIONS:** Avoid discharge into drains, water courses or onto ground.
- 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dispose of material in accordance with all federal, state and local regulations.

7. Handling and Storage

- 7.1.1 HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Flammable liquid. Avoid heat, sparks and open flames.
- 7.1.2 HYGIENIC PRACTICES:** When using do not eat or drink. Contaminated work clothing should not be allowed out of the workplace. Do not smoke. Do not smoke.
- 7.2 STORAGE:** Keep container closed when not in use.

8. Exposure Controls/Personal Protection

8.1 Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
.alpha.-Pinene	20 ppm	N.E.	N.E.	N.E.
2,6-Di-tert-butyl-p-cresol	2 mg/m ³	N.E.	N.E.	N.E.
.beta.-Pinene	20 ppm	N.E.	N.E.	N.E.
Citral	5 ppm	N.E.	N.E.	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

8.2 ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas.

8.3 Personal Protective Equipment

8.3.1 RESPIRATORY PROTECTION: No Information

8.3.2 SKIN PROTECTION: Wear appropriate chemical resistant gloves.

8.3.3 EYE PROTECTION: Safety glasses

8.3.4 OTHER PROTECTIVE EQUIPMENT: Safety shower and eyewash station should be located in immediate work area.

9. Physical and Chemical Properties

Appearance:	No Information	Physical State:	Liquid
Odor:	No Information	Odor Threshold:	No Information
Density, g/cm³:	0.000	pH:	No Information
Freeze Point, °C:	No Information	Viscosity:	No Information
Solubility in Water:	No Information	Partition Coefficient, n-octanol/water:	No Information
Decomposition temperature, °C	No Information		
Boiling Range, °C:	156 - 265	Explosive Limits, %:	0.0 - 0.0
Combustibility:	No Information	Flash Point, °C:	52
Evaporation Rate:	No Information	Auto-Ignition Temperature, °C	No Information
Vapor Density:	No Information	Vapor Pressure, mmHg:	No Information

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

10.1 REACTIVITY : None reasonably foreseeable.

10.2 STABILITY: Stable under normal conditions.

10.3 HAZARDOUS POLYMERIZATION: Hazardous polymerisation does not occur.

10.4 CONDITIONS TO AVOID: Keep away from heat and flame.

10.5 INCOMPATIBILITY: Strong oxidizing agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide and other toxic gases.

11. Toxicological Information

11.1 ACUTE TOXICITY

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

ATE ORAL

9,048 mg/kg

ATE DERMAL

29,939 mg/l

11.1.1 EYE CONTACT: Direct eye contact may cause irritation.

11.1.2 INGESTION: No adverse effects expected.

11.1.3 INHALATION: No adverse effects expected.

11.1.4 SKIN CONTACT: May cause allergic skin reaction.

11.1.5 TARGET ORGAN TOXICITY - ACUTE: No adverse effects expected.

11.2 CHRONIC TOXICITY

11.2.1 TARGET ORGAN TOXICITY - CHRONIC: No adverse effects expected.

11.2.2 SENSITIZATION: Repeated or prolonged contact causes sensitization, asthma and eczemas.

11.2.3 REPRODUCTIVE TOXICITY: No adverse effects expected.

11.2.4 GERM CELL MUTAGENICITY: No adverse effects expected.

11.2.5 CARCINOGENICITY: No adverse effects expected.

This product does not contain any carcinogens as listed by OSHA, IARC, or NTP at >0.01%.

12. Ecological Information

12.1 ECOLOGICAL INFORMATION: No Information

13. Disposal Information

13.1 DISPOSAL INFORMATION: No Information

13.2 DISPOSAL METHOD: Dispose of in accordance with local regulations.

14. Transport Information

DOT Ground Transport

DOT UN/NA Number:	UN1266
Shipping Name:	Perfumery Products
Class:	3
Packing Group:	III
Environmentally Hazardous:	No Information

Air Transport

DOT UN/NA Number:	UN1266
Shipping Name:	Perfumery Products
Class:	III
Packing Group:	3
Environmentally Hazardous:	No Information
Special Provisions:	A3, A72
Limited Quantity:	5L/E1
Bulk Package:	> 30L Forbidden for Transport

Sea Transport

DOT UN/NA Number:	UN1266
Proper Shipping Name:	Perfumery Products
Hazard Class:	3
Packing Group:	III
Limited Quantity/Excepted Quantity:	5L/E1
Marine Pollutant:	Yes
Special Provisions:	223, 904, 955
EmS Code:	F-E, S-D

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Aspiration Hazard

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

All components in this mixture are listed on or exempt from TSCA inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None

U.S. State Regulations:

MASSACHUSETTS RIGHT-TO-KNOW

The following components are in the product at > 1%

<u>Chemical Name</u>	<u>CAS-No.</u>
.alpha.-Pinene	80-56-8

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

None

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer.

<u>Chemical Name</u>	<u>CAS-No.</u>
Myrcene (as part of a natural complex substance)	123-35-3

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

16. Other Information

Revision Date: 1/9/2018 **Supersedes Date:** New MSDS
Reason for revision: No Information
Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	N.I.	Flammability:	N.I.	Reactivity:	N.I.	Personal Protection:	N.I.
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Volatile Organic Compounds, % 100.00

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H226 Flammable liquid and vapour.
H227 Combustible liquid
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.