

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product : 71779
Lemon Leaf & Basil Ultrasonic Diffuser Oil

Relevant identified uses of the substance or mixture and uses advised against : Diluted in ultrasonic diffuser appliance
Intended Use Fragrances

Company :
Trapp Fragrances
1025 W. 8th Street
Kansas City MO 64101
800-670-4212
www.trappfragrances.com

Emergency telephone number (CHEMTREC) : 800-424-9300

Please refer to section 16 for a full list of emergency phone numbers.

SECTION 2. HAZARDS IDENTIFICATION

Classification according to HCS 2012 (29 CFR Parts 1910, 1915, and 1926)

Flammable liquids, Category 4	H227: Combustible liquid.
Skin irritation, Category 2	H315: Causes skin irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.

Label elements

Labelling (REGULATION 29 CFR Parts 1910, 1915, and 1926).

Hazard pictograms :



Signal word : Warning

Hazard statements	: H227	Combustible liquid.
	: H315	Causes skin irritation.
	: H317	May cause an allergic skin reaction.

Precautionary statements : **Prevention:**

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

P210	Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P261	Avoid breathing mist or vapours.
P264	Wash skin thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/ eye protection/ face protection.
Response:	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
Storage:	
P403 + P235	Store in a well-ventilated place. Keep cool.
Disposal:	
P501	Dispose of contents/ container to an approved waste disposal plant.

Hazards not Otherwise Classified : None

Please note: Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of individual components which have been shown to cause or may cause these health effects when tested at higher concentrations or at full strength.

Ingredients with unknown acute toxicity.:

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: **0** %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration [%]
Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate	88917-22-0	50.00 - 70.00
2-hexyl-3-phenyl-2-propenal (trans & cis)	101-86-0	20.00 - 30.00
3,7-dimethyl-1,6-octadien-3-ol (= Linalool)	78-70-6	1.00 - 10.00

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

1-phenylethyl acetate	93-92-5	1.00 - 10.00
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	1.00 - 10.00
decanal	112-31-2	1.00 - 10.00
hexyl acetate	142-92-7	1.00 - 10.00
Ethyl 2-methyl-1,3-dioxolane-2-acetate	6413-10-1	1.00 - 10.00
3,7-Dimethyl-2,6-Octadienal (Cis & Trans Isomers) (= Citral)	5392-40-5	1.00 - 10.00
Terpenes and Terpenoids, lemon-oil	68917-33-9	0.10 - 1.00

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

First aid measures

Description of first aid measures

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Consult physician or Poison Control Center. The National Hotline for US Poison Control Centers is 1.800.222.1222; <https://www.poison.org>
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Immediately seek medical attention if chemical entered ear canal.
If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Protect unharmed eye.
Remove contact lenses.
Flush eyes with water as a precaution.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Immediately consult Poison Control Center or physician.
Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Causes skin irritation.
May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep people away from and upwind of spill/leak.
In the case of vapour formation use a respirator with an approved filter.
For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

Material can create slippery conditions.
Use personal protective equipment.

Environmental precautions

Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up

Clean contaminated floors and objects thoroughly while observing environmental regulations. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling : Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
Avoid formation of aerosol.
Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.
Do not spray on a naked flame or any incandescent material.
Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Requirements for storage : No smoking.

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

areas and containers

Keep in a well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions

: Ambient / 10-30°C (50-85°F)
Dry, well ventilated, preferably full, hermetically sealed

Advice on common storage

: Protect against light.

Other data

: No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components	CAS-No. :	Type:	Value :	Basis :	Revision:
3,7-Dimethyl-2,6-Octadienal (Cis & Trans Isomers) (= Citral)	5392-40-5	TWA	5 ppm	ACGIH	2014-03-01
	DSEN: Dermal Sensitization Skin: Danger of cutaneous absorption				

Exposure controls

Exposure assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the product's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional PPE. The PPE indicated below are recommendations for worst-case scenario exposures. An exposure assessment will identify more applicable measures to be implemented. EN and ANSI standards are mentioned in the following recommendations, consult equivalent local standards when required.

PPE is always the last resort to avoid exposure. In any case technical and organisational measures have to be explored and used prior to the selection of PPE. The PPE selection is for operators trained to work with chemicals according to good industrial hygiene and safety practice. Operators have to be trained on the use of PPE.

Engineering measures

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use the product only with adequate ventilation.

Personal protective equipment

- Eye/face protection** : Use safety goggles tested according to EN 166/ ANSI Z87.1 or equivalent local standard.
- Hand protection** : Use gloves when handling substance in open systems. Inspect gloves prior to use. Train operators for proper use. If only incidental exposure is expected: (work without direct contact to substance) use gloves tested according EN 16523-1/ASTM F739 or equivalent local standard breakthrough times at least 10 minutes, tested for chemicals indicated in chapter 3 of this SDS. Change gloves frequently. If direct skin contact is expected: use gloves tested according to EN 16523-1/ASTM F739 or equivalent local standard, tested for chemicals indicated in chapter 3 of this SDS. Permeation time must exceed contact time.
- Other skin protection** : Wear working clothes covering arms and legs. The type of protective equipment must be selected according to the concentration and amount of the hazardous substance at the specific workplace. Use apron and sleeve covers or complete chemical suit if exposure is expected.
- Respiratory protection** : Respiratory protection should be worn when workplace exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, or where indicated by the exposure assessment. Selection of air-purifying or positive-pressure supplied-air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the potential airborne concentrations. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.
- In case a risk analysis proved the cartridge respirator as acceptable, use type:
ABEK-P3 (EN 14387) OR Combination Multi-gas/P100 (42CFR84.193; ANSI Z88.7 or equivalent local standard) as a backup to engineering controls.
- In absence of engineering controls, use self-contained breathing apparatus or full face supplied air respirators. Use respirators and components tested and approved under appropriate government standards such as CEN (EU) or NIOSH 42 CFR 84(US).

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

Thermal hazards	: Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	: Remove contaminated clothing and protective equipment before entering eating areas. Do not eat, drink or smoke during work. Wash hands any time after handling the product.
Environmental exposure controls	
General advice	: Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: liquid
Form	: liquid
Color	: not determined
Taste	: not determined
Odor	: Citrus-like, Green, Floral
Odour Threshold	: Not applicable
Flash point	: 194 °F (90 °C) Method: Calculated
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability	: Not applicable
Auto-ignition temperature	: not determined
Decomposition temperature	: no data available
pH	: not determined
Melting point	: no data available
Boiling point	: no data available
Vapor pressure	: 0.1424 hPa at 68 °F (20 °C) Calculated (98.4 %)
Density	: no data available
Bulk density	: Not applicable
Solubility/qualitative	: practically insoluble
Partition coefficient: n-octanol/water	: Not applicable
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

SECTION 10. STABILITY AND REACTIVITY

Reactivity

No decomposition if stored and applied as directed.

Chemical stability

No decomposition if stored and applied as directed.

Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed. Vapours may form explosive mixture with air.

Conditions to avoid

Conditions to avoid : Extremes of temperature and direct sunlight. Heat, flames and sparks.

Incompatible materials

Materials to avoid : no data available

Hazardous decomposition products

Hazardous decomposition products : no data available

Thermal decomposition : no data available

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

ATE : > 5,000 mg/kg

Propanol, 1(or 2)-(2-methoxymethylethoxy)-, acetate : LD50: > 5,000 mg/kg Species: Rat

2-hexyl-3-phenyl-2-propenal (trans & cis) : LD50: 3,100 mg/kg Species: Rat

3,7-dimethyl-1,6-octadien-3-ol (= Linalool) : LD50: 2,790 mg/kg Species: Rat

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

1-phenylethyl acetate : LD50: > 5,000 mg/kg Species: Rat

2,4-dimethylcyclohex-3-ene-1-carbaldehyde : LD50: > 3,100 mg/kg Species: Rat

decanal : LD50: > 33,320 mg/kg Species: Rat

hexyl acetate : LD50: > 5,000 mg/kg Species: Rat

3,7-Dimethyl-2,6-Octadienal (Cis & Trans Isomers) (= Citral) : LD50: 4,960 mg/kg Species: Rat

Acute inhalation toxicity : No data is available on the product itself.

Acute dermal toxicity : No data is available on the product itself.

Acute toxicity (other routes of administration) : No data is available on the product itself.

Skin corrosion/irritation : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitisation : Causes sensitisation.

Mutagenicity : No data is available on the product itself.

Teratogenicity : No data is available on the product itself.

Reproductive toxicity

Not classified based on available information.

Components:

citral:

Reproductive toxicity - Assessment : Adverse reproductive effect

Carcinogenicity:

IARC : Remarks : No component of this product present at levels greater than or equal to 0.1% is identified as probable,

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

		possible or confirmed human carcinogen by IARC.
OSHA	: Remarks	: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	: Remarks	: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
STOT - single exposure	:	No data is available on the product itself.
STOT - repeated exposure	:	No data is available on the product itself.
Aspiration hazard	:	No data is available on the product itself.
Further information	:	no data available

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SECTION 12. Ecological information

Ecological information is not reported.

SECTION 13. DISPOSAL CONSIDERATIONS

Product	:	Dispose of in accordance with local, state and federal regulations. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	:	Do not expose containers to high temperatures such as in hot work processes. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

Do not burn, or use a cutting torch on, the empty drum.

Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

SECTION 15. REGULATORY INFORMATION

Only relevant information is reported

SARA 311/312 Hazards. : Flammable (gases, aerosols, liquids, or solids)
Respiratory or skin sensitization Skin
corrosion or irritation

SECTION 16. OTHER INFORMATION

Further information

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

NFPA Classification

Health hazard: 2
Fire Hazard: 2
Reactivity Hazard: 0



Full list of Emergency response numbers worldwide.

	Country	Phone nr		Country	Phone nr
Europe	All Europe	+44 1235 239670	APAC	All East/South East Asia	+65 3158 1074
	France	+33 1 72 11 00 03		Sri Lanka	+65 3158 1195
	Germany	+49 89 220 61012		Taiwan	+886 2 8793 3212
	Spain	+34 91 114 2520		Japan	0120 015 230
	Italy	800 699 792		Indonesia	007 803 011 0293
	Netherlands	+31 10 713 8195		Malaysia	+60 3 6207 4347
	Turkey	0800 621 2139 +44 1235 239670		Thailand	001 800 120 666 751
	Norway	+47 2103 4452		India	+65 3158 1198 000 800 100 7479
	Greece	+30 21 1198 3182		Pakistan	+65 3158 1329
	Portugal	+351 30880 4750		Bangladesh	+65 3158 1200
	Denmark	+45 8988 2286		Philippines	+63 2 8231 2149
	Sweden	+46 8 566 42573		Vietnam	+84 28 4458 2388
	Poland	+48 22 307 3690		Korea	+65 3158 1285
	Czech republic	+420 228 882 830		South Korea	+82 2 3479 8401
	Finland	+358 9 7479 0199		Australia	+61 2 8014 4558
Middle East/Africa	All Middle East/Africa	+44 1235 239671	New Zealand	+64 9 929 1483	
	Bahrain and	+44 1235 239671	China	+86 532 8388 9090	

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Lemon Leaf & Basil Ultrasonic Diffuser Oil

Version 1.0

Issue Date 11/2/23

	Middle East				
	Africa/South Africa	+27 21 300 2732		Mexico	+52 55 5004 8763
NOAM	USA and Canada	+1 866 928 0789	LATAM	Brazil	+55 11 3197 5891
	USA and Canada	+1 215 207 0061		Chile	+56 2 2582 9336
	USA and Canada	+1 202 464 2554		Colombia	+57 1 508 7337
Global	Global	+44 1865 407333		Argentina	+54 11 5984 3690

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Information displayed in section 3 (Composition/information on ingredients) is additional information to understand the hazards of the product and ensure safe handling, storage and transportation. This information, including CAS numbers, is not meant to be used for registration, notification or any other purposes.

Version : 1.0

Issue Date : 11/2/23