

Tart Lemon Safety Data Sheet

Identification

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GHS Product Identifier Tart Lemon Other means of identification Fragrance oil Recommended use of the chemical and restriction on use For manufacturing use only. Supplier's details Little Bee Scents PO Box 684, Leavenworth, KS 66048

marsha@littlebeescents.com

Emergency phone number

In case of emergency, call 911.

2 Hazard(s) identification

Classification of the substance or mixture

Skin sensitization, Category 1 H317 Flammable liquid Category 4 H227

GHS label elements

Signal word: Warning

Hazard statements (GHS US): H227 - Combustible liquid. H317 - May cause an allergic skin reaction.

Precautionary statements (GHS US):
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of water.
P321 Specific treatment (see on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to industrial combustion plant.



Other hazards

This material is combustible, but will not ignite readily.

Results of PBT and vPvB assessment:

Does not contain a PBT-/vPvB-substance in a concentration of $\ge 0.1\%$.

Endocrine disrupting properties:

Does not contain an endocrine disruptor (ED) in a concentration of $\ge 0.1\%$.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	GHS Class.	
		Number			
Benzyl Benoate	120-51-4		10-<25	Acute Tox. 4 / H302	
Essential oil of lime	8008-26-2		10-<25	Flam. Liq. 3 / H226	
	90063-52-8				
Decanal	112-31-2		1-<5	Flam. Liq. 4 / H227	
(2E)-3,7-dimethylocta-2,6-dienal	5392-40-5		1-<5	Skin Irrit. 2 / H315	
				Skin Sens. 1 / H317	
Essential oil of Salvia sclarea	93-92-5		1-<5	Flam. Liq. 4 / H227	
	84775-83-7				
2-ethyl-3-hydroxy-4H-pyran-4-one	e 4940-11-8		1-<5	Acute Tox. 4 / H302	
1-methyl-4-(prop-1-en-2-yl)					
cyclohex-1-ene; 1-methyl-4-					
(propan-2-yl)cyclohexa-1,4-diene;					
3,7-dimethylocta-1,6-dien-3-yl					
phosphinite; 6,6-dimethyl-	8008-56-8		1-<5	Flam. Liq. 3 / H226	
2-methylidenebicyclo[3.1.1]heptan	e 84929-31-7				
3,7-dimethylocta-1,6-dien-3-ol	78-70-6		1-<5	Skin Sens. 1B / H317	
-,,				Flam. Liq. 4 / H227	
Octanal	124-13-0		1-<5	Flam. Liq. 3 / H226	
(2E)-hex-2-en-1-ol	80-26-2		1-<5	Flam. Liq. 4 / H227	
prop-2-en-1-yl 2-(3-methylbutoxy)	acetate 6763	4-00-8	<1	Acute Tox. 2 / H330	
				Flam. Liq. 4 / H227	
				-	

4 First-aid measures

Description of necessary first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation: If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact: Wash with plenty of soap and water.

Following eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Symptoms and effects are not known to date.

Indication of any immediate medical attention and special treatment needed

none

5 Fire-fighting measures

Suitable extinguishing media: Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media: Water jet

Specific hazards arising from the chemical

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

Special protective actions for fire-fighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures For non-emergency personnel

Remove persons to safety. For emergency responders Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

Methods and materials for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite),

sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7 Handling and storage

Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air. Advice on general occupational hygiene Wash hands after use. Do not eat, drink and smoke in work areas.

Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres: Keep container tightly closed and in a well-ventilated place. Use local and general ventilation.

Keep cool. Protect from sunlight.

- Flammability hazards: Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

8 Exposure controls/personal protection

Control parameters

This information is not available.	CAS No	Identifier	TWA[ppm]	TWA[mg/m³]	Source
2,6-di-tert-butyl-4-methylphenol (2E)-3,7-dimethylocta-2,6-dienal 1,2-diethyl benzene-1,2-dicarboxylate	128-37-0 5392-40-5 84-66-2	PEL(CA) TLV® PEL(CA)	5	10 5	CAL/OSHA PEL ACGIH®2023 CAL/OSHA PEL

Exposure controls:

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment): Eye/face protection. Wear eye/face protection.

Skin protection - Hand protection: Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/ impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling. Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls: Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9 Physical and chemical properties

Physical and chemical properties

Appearance: very pale yellow liquid Odor: characteristic aroma pH: N/A Melting Point: N/A Boiling Point/range:266 °F at 1,030 hPa Evaporation Rate: N/A Partition Coefficient: N/A Decomposition Temperature: N/A Upper/Lower Flammability Limits: N/A Vapor Pressure: 14 mmHg at 163 °C Vapor Density: 1.007 g/ml at 25 °C Relative Density +/- 0.020: N/A Solubility: Not soluble in water Flash Point: 175F Flammability: not relevant, (fluid) Auto-Ignition Temperature: 384.5F Viscosity: N/A

Liquid content: 77.92 % Solid content: 22.08 % Temperature class: T3A (maximum permissible surface temperature on the equipment: 180°C)

10 Stability and reactivity

Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition. If heated: Risk of ignition

Chemical stability

See below "Conditions to avoid".

Possibility of hazardous reactions No known hazardous reactions.

Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Incompatible materials Oxidizers

Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

11 Toxicological information

Toxicological (health) effects - Test data are not available for the complete mixture.

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or Skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

12 Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a

PBT-/vPvB-substance in a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\ge 0.1\%$.

12.7 Other adverse effects

Data are not available.

13 Disposal considerations

13.1 Waste treatment methods

Dispose in a safe manner in accordance with local/national regulations.

14 Transport information

UN-No/DOT/IMDG-Code/ICAO-TI: UN3082 Proper Shipping Name (TDG): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Technical Name (hazardous ingredients): BENZYL BENZOATE, LIME OIL MEXICAN Transport hazard classes: 9 Packing group: III Environmental hazards: hazardous to the aquatic environment Environmental hazards: hazardous substance (aquatic environment): BENZYL BENZOATE, LIME OIL MEXICAN Special precautions for user: There is no additional information. Transport in bulk according to IMO instruments: The cargo is not intended to be carried in bulk.

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

The following components are listed on the OEHHA California Proposition 65 List as "chemicals known to the state to cause cancer" or "to cause reproductive toxicity": **None**

It it recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use storage and disposal of this product.

Take into consideration other applicable federal, state and local laws and local regulations.

16 Other information

Other information

The data contained in this Safety Data Sheet is accurate to the best knowledge of Little Bee Scents, applies to the product as supplied by Little Bee Scents and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Little Bee Scents assume responsibility for use or reliance upon this data. This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact marsha@littlebeescents.com.