

# SAFETY DATA SHEET

## UNTAMED LAVENDER FRAGRANCE OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Untamed Lavender Fragrance Oil

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

#### Classification of the substance or mixture



#### GHS08 (Health Hazard):

Specific Target Organ Toxicity – Single Exposure 2 (H371): May cause damage to organs.  
Specific Target Organ Toxicity – Repeated Exposure 1 (H372): Causes damage to organs through prolonged or repeated exposure.



#### GHS07:

Acute Toxicity – Oral 4 (H302): Harmful if swallowed.  
Eye Irritation 2A (H319): Causes serious eye irritation.  
Sensitization – Skin 1 (H317): May cause an allergic skin reaction.  
Flammable Liquids 4 (H227): Combustible liquid.

#### Label elements

##### GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

#### Hazard pictograms



GHS07



GHS08

**Signal word**

Danger

**Hazard-determining components of labeling:**

BENZYL BENZOATE  
LAVANDIN GROSSO  
CAMPHOR POWDER  
LAVENDER 40/42 N&A  
1,8 CINEOLE (EUCALYPTOL)  
CITRAL  
TRIPLAL

**Hazard statements:**

Combustible liquid.  
Harmful if swallowed.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause damage to organs.  
Causes damage to organs through prolonged or repeated exposure.

**Precautionary Statements:**

Keep away from flames and hot surfaces. – No smoking.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If swallowed: Call a poison center/doctor if you feel unwell.  
Rinse mouth.  
If on skin: Wash with plenty of water.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
If exposed or concerned: Call a poison center/doctor.  
Get medical advice/attention if you feel unwell.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
If eye irritation persists: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.  
Store in a well-ventilated place. Keep cool.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Classification system**

**NFPA ratings (scale 0 - 4)**

Health = 2

Fire = 2

Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

Health = 2

FIRE 2

Fire = 2

**Other hazards**

**Results of PBT and vPvB assessment**

**PBT:**

Not applicable

**vPvB:**

Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical characterization: Mixtures**

**Description:** Mixture of the substances listed below with nonhazardous additions.

<b><i>Dangerous components:</i></b>		
120-51-4	BENZYL BENZOATE	>25-≤50%
	Acute Toxicity - Oral 4, H302	
8022-15-9	LAVANDIN GROSSO	>10-≤25%
	Eye Irritation 2A, H319; Sensitization - Skin 1, H317; Flammable liquids 4, H227	
115-95-7	LINALYL ACETATE	>2.5-<10%
	Skin Irritation 2, H315; Eye Irritation 2A, H319; Flammable liquids 4, H227	
470-82-6	1,8 CINEOLE (EUCALYPTOL)	>2.5-≤10%
	Flammable Liquids 3, H226; □□ Sensitization - Skin 1, H317	
76-22-2	CAMPHOR POWDER	>2.5-<10%

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	Flammable Solids 2, H228; Acute Toxicity - Oral 3, H301; Specific Target Organ Toxicity - Single Exposure 2, H371; Acute Toxicity - Inhalation 4, H332	
	LAVENDER 40/42 N&A	≤ 1-≤ 2.5%
	Specific Target Organ Toxicity - Single Exposure 2, H371; Specific Target Organ Toxicity - Repeated Exposure 1, H372; Skin Irritation 2, H315; Sensitization - Skin 1, H317; Specific Target Organ Toxicity - Single Exposure 3, H335; Flammable liquids 4, H227; Eye Irritation 2B, H320	
5392-40-5	Citral	≥ 0.1-<1%
	Skin Irritation 2, H315; Sensitization - Skin 1, H317	
68039-49-6	TRIPLAL	≥ 0.1-<1%
	Skin Irritation 2, H315; Sensitization - Skin 1, H317; Flammable liquids 4, H227	

#### 4. FIRST AID MEASURES

##### Description of first aid measures

##### General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

##### After inhalation:

Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.

##### After skin contact:

Immediately wash with water and soap and rinse thoroughly.

##### After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

##### After swallowing:

Immediately call a doctor.

##### Information for doctor:

Most important symptoms and effects, both acute and delayed. No further relevant information is available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information is available.

**5. FIRE FIGHTING MEASURES**

**Extinguishing media**

**Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**Advice for firefighters**

**Protective equipment:** Mouth respiratory protective device.

**6. ACCIDENTAL RELEASE MEASURES**

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

Mount respiratory protective device.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**Protective Action Criteria for Chemicals**

PAC-1:		
103-23-1	DIOCTYL ADIPATE	17 mg/m <sup>3</sup>
120-51-4	BENZYL BENZOATE	5.7 mg/m <sup>3</sup>
PAC-2:		

103-23-1	DIOCTYL ADIPATE	300 mg/m <sup>3</sup>
120-51-4	BENZYL BENZOATE	63 mg/m <sup>3</sup>
PAC-3:		
103-23-1	DIOCTYL ADIPATE	1800 mg/m <sup>3</sup>
120-51-4	BENZYL BENZOATE	380 mg/m <sup>3</sup>

## 7. HANDLING AND STORAGE

### Handling:

#### Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

#### Information about protection against explosions and fires:

Keep respiratory protective device available.

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

##### Storage:

#### Requirements to be met by storerooms and receptacles:

Store in a tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.

#### Information about storage in one common storage facility:

Not required.

#### Further information about storage conditions:

Keep receptacle tightly sealed.

**Specific end use(s)** No further relevant information available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Additional information about the design of technical facilities:

No further data: see item 7.

#### Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

76-22-2 CAMPHOR POWDER	
PEL	Long-term value: 2 mg/m <sup>3</sup>
REL	Long-term value: 2 mg/m <sup>3</sup>
TLV	Short-term value: 3 ppm Long-term value: 2 ppm A4
5392-40-5 Citral	
TLV	Long-term value: 5* ppm Skin; DSEN; *inh. fraction + vapor, A4

**Additional information:** The lists that were valid during the creation were used as basis.

#### **Exposure controls**

##### **Personal protective equipment:**

##### **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

##### **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use

respiratory protective device that is independent of circulating air.

##### **Protection of hands:**

##### **Protective gloves**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

##### **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation

of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Tightly sealed goggles

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Information on basic physical and chemical properties</b>	
<b>General Information</b>	
<b>Appearance:</b>	
<b>Form:</b> Liquid	
<b>Color:</b> Clear colorless to pale yellow	
<b>Odor:</b> Characteristic	
<b>Odor threshold:</b> Not determined.	
<b>pH-value:</b>	Not determined.
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined. 214 °C (417.2 °F)
<b>Boiling point/Boiling range:</b>	
<b>Flash point:</b>	85 °C (185 °F)
<b>Flammability:</b>	Not applicable.
<b>Auto igniting:</b>	340 °C (644 °F)
<b>Decomposition temperature:</b>	Not determined.
<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Not determined.
<b>Explosion limits: Lower:</b>	0.3 Vol % 2.8 Vol %
<b>Upper:</b>	
<b>Vapor pressure at 197 °C (386.6 °F):</b>	2.6 hPa (2 mm Hg)

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<b>Density at 20 °C (68 °F):</b>	0.97206 g/cm <sup>3</sup> (8.11184 lbs/gal) Not determined.
<b>Relative density</b>	Not determined. Not determined.
<b>Vapor density</b>	
<b>Evaporation rate</b>	
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b> Not determined.	
<b>Viscosity: Dynamic: Kinematic:</b>	Not determined. Not determined.
<b>Solvent content: VOC content:</b>	0.00 % 0.0 g/l / 0.00 lb/gal
<b>Solids content:</b>	4.0 %
<b>Other information</b>	No further relevant information available.

## 10. STABILITY AND REACTIVITY

### Reactivity

No further relevant information available.

### Chemical stability

Stable at environment temperature

### Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

### Possibility of hazardous reactions

No dangerous reactions known

### Conditions to avoid

No further relevant information available.

### Incompatible materials:

No further relevant information available.

### Hazardous decomposition products: Irritant gases/vapours

No dangerous decomposition products known

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

LD/LC50 values that are relevant for classification:		
ATE (Acute Toxicity Estimate)		
Oral	LD50	1,827 mg/kg
Inhalative	LC50/4h	41.1 mg/l
120-51-4 BENZYL BENZOATE		
Oral	LD50	1,700 mg/kg (rat)
Dermal	LD50	4,000 mg/kg (rabbit)
5392-40-5 Citral		
Oral	LD50	4,960 mg/kg (rat)

#### Primary irritant effect:

##### on the skin:

No irritant effect.

##### on the eye:

Irritating effect.

#### Sensitization:

Sensitization possible through skin contact.

#### Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful Irritant

#### Carcinogenic categories

IARC (International Agency for Research on Cancer)		
103-23-1	DIOCTYL ADIPATE	3
NTP (National Toxicology Program)		
None of the ingredients is listed.		
OSHA-Ca (Occupational Safety & Health Administration)		
None of the ingredients is listed.		

## 12. ECOLOGICAL INFORMATION

### **Toxicity**

#### **Aquatic toxicity:**

No further relevant information available.

#### **Persistence and degradability:**

No further relevant information available.

#### **Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

#### **Additional ecological information:**

##### **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

##### **Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**Other adverse effects** No further relevant information available.

## 13. DISPOSAL CONSIDERATIONS

### **Waste treatment methods**

#### **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

### **Uncleaned packagings**

#### **Recommendation:**

Disposal must be made according to official regulations.

## 14. TRANSPORT INFORMATION

### **UN-Number**

#### **DOT, IMDG, IATA**

Not regulated

### **UN proper shipping name**

#### **DOT, IMDG, IATA**

Not regulated

### **Transport hazard class(es)**

#### **DOT, ADN, IMDG, IATA**

Class not regulated

**Packing group**

DOT, IMDG, IATA not regulated

**Environmental hazards:**

Not applicable.

**Special precautions for user**

Not applicable.

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

Not applicable.

**UN "Model Regulation":**

Not regulated

**15. REGULATORY INFORMATION**

**Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act): All substances are active or exempt.**

**Hazardous Air Pollutants**

None of the ingredients is listed.

**Proposition 65**

**Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogenic categories**

**EPA (Environmental Protection Agency)**

103-23-1 DIOCTYL ADIPATE C

**TLV (Threshold Limit Value)**



76-22-2 CAMPHOR POWDER A4

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**16. OTHER INFORMATION**

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