

# SAFETY DATA SHEET

## Blushed Lychee Bloom

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Blushed Lychee Bloom

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



Skin Irritation 2 H315 Causes skin 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

#### Signal word

Warning

#### Hazard-determining components of labeling:

GRAPEFRUIT OIL

ISO E SUPER

GERANYL ACETATE

Linalool

ORANGE OIL

CITRONELLOL  
TRIPLAL

**Hazard statements**

Combustible liquid.  
Causes skin irritation.  
May cause an allergic skin reaction.

**Precautionary statements**

Keep away from flames and hot surfaces. – No smoking.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If on skin: Wash with plenty of water.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
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.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Classification system:**

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

Health = 1  
Fire = 2  
Reactivity = 0

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

Health = 1  
Fire = 2  
Reactivity = 0

**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.

**Dangerous components:**

54464-57-2	ISO E SUPER Skin Irritation 2, H315; Sensitization - Skin 1, H317	>2.5-<10%
8016-20-4	GRAPEFRUIT OIL Flammable Liquids 3, H226; Aspiration Hazard 1, H304; Skin Irritation 2, H315; Sensitization - Skin 1, H317	>2.5-<10%
105-87-3	GERANYL ACETATE Skin Irritation 2, H315; Sensitization - Skin 1, H317	>2.5-<10%
78-70-6	Linalool Sensitization - Skin 1B, H317; Flammable liquids 4, H227	>2.5- ≥10%
63500-71-0	FLOROL Eye Irritation 2A, H319	≥2.5%
8008-57-9	ORANGE OIL Flammable Liquids 3, H226; Aspiration Hazard 1, H304; Skin Irritation 2, H315; Sensitization - Skin 1, H317	≥1-≥2.5%
60-12-8	PHENYL ETHYL ALCOHOL Acute Toxicity - Dermal 3, H311; Acute Toxicity - Oral 4, H302; Eye Irritation 2A, H319	≥2.5%
115-95-7	LINALYL ACETATE Skin Irritation 2, H315; Eye Irritation 2A, H319; Flammable liquids 4, H227	≥2.5%
106-22-9	CITRONELLOL Skin Irritation 2, H315; Eye Irritation 2A, H319; Sensitization - Skin 1, H317	≥1-≥2.5%
28219-61-6	BACDANOL Eye Irritation 2A, H319	≥2.5%
118-58-1	benzyl salicylate Sensitization - Skin 1B, H317	≥0.1-<1%
68039-49-6	TRIPLAL	≥0.1-<1%

	Skin Irritation 2, H315; Sensitization - Skin 1, H317; Flammable liquids 4, H227	
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#### 4. FIRST AID MEASURES

##### Description of first aid measures

###### General information:

Immediately remove any clothing soiled by the product.

###### 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.

###### After swallowing:

If symptoms persist consult doctor.

###### Information for doctor:

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

No further relevant information available.

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

No further relevant information 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

No further relevant information available.

##### Advice for firefighters

###### Protective equipment:

No special measures required.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Not required.

### 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	57-55-6	PROPYLENE GLYCOL	30 mg/m <sup>3</sup>
	140-11-4	BENZYL ACETATE	30 ppm
	124-13-0	ALDEHYDE C-8	17 mg/m <sup>3</sup>
	120-51-4	BENZYL BENZOATE	5.7 mg/m <sup>3</sup>
	100-52-7	BENZALDEHYDE	4 ppm
	111-90-0	DIETHYLENE GLYCOL MONOETHYL ETHER	75 ppm
	75-18-3	DIMETHYL SULFIDE	0.5 ppm
PAC - 2	57-55-6	PROPYLENE GLYCOL	1,300 mg/m <sup>3</sup>
	140-11-4	BENZYL ACETATE	330 ppm
	124-13-0	ALDEHYDE C-8	190 mg/m <sup>3</sup>
	120-51-4	BENZYL BENZOATE	63 mg/m <sup>3</sup>
	100-52-7	BENZALDEHYDE	43 mg/m <sup>3</sup>

	111-90-0	DIETHYLENE GLYCOL MONOETHYL ETHER	100 ppm
	75-18-3	DIMETHYL SULFIDE	1,000 ppm
PAC - 3	57-55-6	PROPYLENE GLYCOL	7,900 mg/m3
	140-11-4	BENZYL ACETATE	2,000 ppm
	124-13-0	ALDEHYDE C-8	1,100 mg/m3
	120-51-4	BENZYL BENZOATE	380 mg/m3
	100-52-7	BENZALDEHYDE	260 mg/m3
	111-90-0	DIETHYLENE GLYCOL MONOETHYL ETHER	450 ppm
	75-18-3	DIMETHYL SULFIDE	5000* ppm

## 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:

No special measures required.

#### 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:

None.

#### Specific end use(s)

No further relevant information available.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Additional information about design of technical systems:**

No further data; see section 7.

**Control parameters**

**Components 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.

**60-12-8 PHENYL ETHYL ALCOHOL**

TLV	Long-term value: 0.5 ppm Skin
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**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.

Avoid contact with the skin.

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:**

Goggles recommended during refilling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**General Information**

**Appearance:**

<b>Form</b>	Liquid
<b>Color</b>	Clear yellow to yellow green
<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
<b>Boiling Point/Boiling Range</b>	Undetermined.
<b>Flash Point</b>	80 °C (176 °F)
<b>Flammability</b>	Not applicable
<b>Decomposition Temperature</b>	Not determined
<b>Ignition Temperature</b>	Product is not self-igniting
<b>Danger of explosion</b>	Not determined.
<b>Explosion Limits - Lower</b>	Not determined
<b>Explosion Limits - Upper</b>	Not determined
<b>Vapor Pressure</b>	Not determined.
<b>Density at 20 °C (68 °F)</b>	0.98425 g/cm <sup>3</sup> (8.21357 lbs/gal)

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<b>Relative Density</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Evaporation Rate</b>	Not determined
<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)</b>	Not determined
<b>Viscosity (Kinematic)</b>	Not determined
<b>Solvent Content</b>	
<b>Organic solvents</b>	0.6 %
<b>VOC Content</b>	0.62 % 6.1 g/l / 0.05 lb/gal
<b>Solids Content</b>	1.6 %
<b>Other Information</b>	No further relevant information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No further relevant information available.

### Chemical stability

#### 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:

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	101,130 mg/kg (rat)
Dermal	LD50	44,633 mg/kg (rabbit)

#### 78-70-6 Linalool

Oral	LD50	2,790 mg/kg (rat)
Dermal	LD50	5,610 mg/kg (rabbit)

#### 60-12-8 PHENYL ETHYL ALCOHOL

Oral	LD50	1,790 mg/kg (rat)
Dermal	LD50	790 mg/kg (rabbit)

#### 106-22-9 CITRONELLOL

Oral	LD50	3,450 mg/kg (rat)
Dermal	LD50	2,650 mg/kg (rabbit)

#### Primary irritant effect:

##### on the skin:

Irritant to skin and mucous membranes.

##### on the eye:

No 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: Irritant

#### Carcinogenic categories

##### IARC (International Agency for Research on Cancer)

128-37-0	BHT	3
140-11-4	BENZYL ACETATE	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**

<b>UN-Number DOT, IMDG, IATA</b>	not regulated
<b>UN proper shipping name DOT, IMDG, IATA</b>	not regulated
<b>Transport hazard class(es) DOT, ADN, IMDG, IATA Class</b>	not regulated
<b>Transport hazard class(es) DOT, ADN, IMDG, IATA Class</b>	not regulated
<b>Environmental hazards:</b>	Not applicable
<b>Special precautions for user</b>	Not applicable
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable
<b>UN "Model Regulation"</b>	not regulated

**15. REGULATORY INFORMATION**

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

Sara

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

None of the ingredients is listed.

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

111-90-0 DIETHYLENE GLYCOL MONOETHYL ETHER

**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)**

None of the ingredients is listed.

**TLV (Threshold Limit Value)**

128-37-0	BHT	A4
140-11-4	BENZYL ACETATE	A4
127-91-3	beta-Pinene	A4
80-56-8	ALPHA PINENE	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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