



## Yarrow Safety Data Sheet

### 1 Identification

#### GHS Product Identifier

Yarrow

#### 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

Poison control: (800) 222-1222

In case of emergency, call 911.

### 2 Hazard(s) identification

#### Classification of the substance or mixture

Not classified

#### GHS label elements



GHS02

Signal word (GHS US): Danger

Hazard statements (GHS US):

H228 Flammable solid

Precautionary statements (GHS US):

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P280 Wear protective gloves/eye protection/face protection.

P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish

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  $\geq 0.1\%$ .

Endocrine disrupting properties

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

**Other hazards which do not result in classification**

Not applicable

**3 Composition/information on ingredients**

Description	CAS Number	EINECS Number	%
benzyl benzoate	120-51-4		75-<90
1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane	470-82-6		5-<10
1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane; 1-methyl-4-(prop-1-en-2-yl)cyclohex-1-ene; 2,6,6-trimethylbicyclo[3.1.1]hept-2-ene	8008-51-3		1-<5
	92201-50-8		
	68956-56-9		1-<5

**4 First-aid measures****Description of necessary first-aid measures**

Inhalation: Remove to fresh air and rest in comfortable breathing position. Consult a physician if rapid recovery does not occur or symptoms develop.

Eye Contact: Remove Contact Lenses, flush immediately with plenty of cool running water, continue to flush for 15 minutes . Consult a physician if irritation persists.

Skin Contact: Wash thoroughly with plenty of soap and water, flush skin with cool running water. Consult a physician if irritation persists.

Ingestion: Rinse mouth thoroughly with cool water. Do not induce vomiting, consult a physician immediately.

Notes to Physicians: Treat symptomatically.

**Most important symptoms/effects, acute and delayed**

Symptoms and effects are not known to date.

**Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically

**5 Fire-fighting measures****Suitable extinguishing media**

Carbon dioxide, dry powder, foam

**Specific hazards arising from the chemical**

No additional information available

**Special protective actions for fire-fighters**

Firefighting instructions:

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting:

Do not enter fire area without proper protective equipment, including respiratory protection.

**6 Accidental release measures**

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

**Emergency procedures:**

Evacuate unnecessary personnel.

Protective equipment:

Equip cleanup crew with proper protection.

Emergency procedures:

Ventilate area.

**Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**Methods and materials for containment and cleaning up**

Methods for cleaning up:

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

**7 Handling and storage**

**Precautions for safe handling**

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures:

Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

- Flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

- Ventilation requirements

Use local and general ventilation.

- 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/m <sup>3</sup> ]	Source
benzyl benzoate (1R,2S,4R)-1,7,7-trimethylbicyclo[ 2.2.1 ]heptan-2-ol 3-ethoxy-4-hydroxybenzaldehyde		PEL-CA	10		Cal/ OSHA PEL

Exposure controls:

Individual protection measures, such as personal protective equipment

Always provide effective general and, when necessary, local exhaust ventilation to maintain the ambient workplace atmosphere below the exposure limits.

Respiratory protection: wear appropriate mask

Specific protection for the hands: protective gloves against minor risks

Eye and face protection: safety glasses against slash/projections

Bodily protection: work clothing and anti-slip work shoes

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the products and its container.

**9 Physical and chemical properties****Physical and chemical properties**

Appearance: pale yellow liquid

Odor: characteristic aroma

pH: N/A

Melting Point: N/A

Boiling Point/range: N/A

Evaporation Rate: N/A

Partition Coefficient: N/A

Decomposition Temperature: N/A

Upper/Lower Flammability Limits: N/A

Vapor Pressure: Not Determined

Vapor Density: N/A

Relative Density +/- 0.020: N/A

Solubility: Not soluble in water

Flash Point: 160F / 71.11C

Flammability: N/A

Auto-Ignition Temperature: N/A

Viscosity: N/A

## 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

Not established.

### Conditions to avoid

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

### Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

### Incompatible materials

Oxidizers

### Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

## 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

Shall not be classified as a respiratory or skin sensitizer.

#### 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

Very 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 (EDC) in a concentration of  $\geq 0.1\%$ .

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

### 14.1 UN number

DOT: UN 3175

IMDG-Code :UN 3075

ICAO-TI: UN 3075

### 14.2 UN proper shipping name

DOT: Solids containing flammable liquid, n.o.s.

IMDG-Code: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

ICAO-TI: Solids containing flammable liquid, n.o.s.

Technical name (hazardous ingredients): ACETIC ACID GLACIAL, EUCALYPTOL

### 14.3 Transport hazard class(es)

DOT 4.1

IMDG-Code 4.1

ICAO-TI 4.1

### 14.4 Packing group

DOT II

IMDG-Code II

ICAO-TI II

### 14.5 Environmental hazards hazardous to the aquatic environment

Environmentally hazardous substance (aquatic environment)

BENZYL BENZOATE

### 14.6 Special precautions for user

There is no additional information.

### 14.7 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 is 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](mailto:marsha@littlebeescents.com).