

# SAFETY DATA SHEET

## Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

### 1. Identification

#### Product identifier

**Product name** Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

**Product number** 400000040902

#### Recommended use of the chemical and restrictions on use

**Application** Air freshener

**Uses advised against** No specific uses advised against are identified.

#### Details of the supplier of the safety data sheet

**Supplier** Bath & Body Works, Distr.  
95 West Main Street, New Albany, OH 43054  
1-800-395-1001

#### Emergency telephone number

**Emergency telephone** Verisk 3E (24/7/365)

**National emergency telephone number** (In US) +1-800-451-8346 (Outside US) +1-760-602-8703

### 2. Hazard(s) identification

#### Classification of the substance or mixture

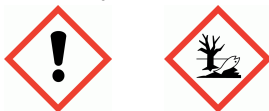
**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2A - H319 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Acute 2 - H401 Aquatic Chronic 2 - H411

#### Label elements

##### Hazard symbols



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements** P261 Avoid breathing vapor/ spray.  
P264 Wash contaminated skin thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P302+P352 If on skin: Wash with plenty of water.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment (see medical advice on this label).  
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.  
P501 Dispose of contents/ container in accordance with national regulations.

# Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

**Contains** Linalyl acetate, Cineole, (R)-p-mentha-1,8-diene, Pin-2(10)-ene, Pin-2(3)-ene, citral, Pentane-2,3-dione

## Other hazards

This product does not contain any substances classified as PBT or vPvB.

## 3. Composition/information on ingredients

### Substances

See 'Composition on ingredients' in Section 3.2

### Mixtures

<b>3-ethoxy-4-hydroxybenzaldehyde</b> 5-10% CAS number: 121-32-4
<b>Classification</b> Eye Irrit. 2A - H319
<b>Vanillin</b> 5-10% CAS number: 121-33-5
<b>Classification</b> Eye Irrit. 2A - H319
<b>1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran</b> 1-5% CAS number: 1222-05-5 M factor (Acute) = 1 M factor (Chronic) = 1
<b>Classification</b> Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
<b>Diethyl malonate</b> 1-5% CAS number: 105-53-3
<b>Classification</b> Eye Irrit. 2A - H319
<b>Linalyl acetate</b> 1-5% CAS number: 115-95-7
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1B - H317



## Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

<b>(R)-p-mentha-1,8-diene</b>	<b>&lt;1%</b>
CAS number: 5989-27-5	
M factor (Acute) = 1 <span style="margin-left: 150px;">M factor (Chronic) = 1</span>	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>Pin-2(10)-ene</b>	<b>&lt;1%</b>
CAS number: 127-91-3	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
<b>Pin-2(3)-ene</b>	<b>&lt;1%</b>
CAS number: 80-56-8	
M factor (Acute) = 1 <span style="margin-left: 150px;">M factor (Chronic) = 1</span>	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>Pentane-2,3-dione</b>	<b>&lt;1%</b>
CAS number: 600-14-6	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
STOT RE 2 - H373	
<b>citral</b>	<b>&lt;1%</b>
CAS number: 5392-40-5	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
Skin Sens. 1 - H317	

# Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

<b>DELTA -3-CARENE</b>	<b>&lt;1%</b>
CAS number: 13466-78-9	
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412	

The full text for all hazard statements is displayed in Section 16.

## 4. First-aid measures

### Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
<b>Skin Contact</b>	It is important to remove the substance from the skin immediately. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognized skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause sensitization or allergic reactions in sensitive individuals.
<b>Skin contact</b>	May cause skin sensitization or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Irritating to eyes.

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

<b>Notes for the doctor</b>	Treat symptomatically. May cause sensitization or allergic reactions in sensitive individuals.
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## 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### Special hazards arising from the substance or mixture

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up.

# Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.
<b><u>Advice for firefighters</u></b>	
<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

### Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. The contaminated absorbent may pose the same hazard as the spilled material. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from incompatible materials (see Section 10). Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

**Storage class** Miscellaneous hazardous material storage.

# Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

## Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## 8. Exposure controls/Personal protection

### Control parameters

### Occupational exposure limits

#### DELTA -3-CARENE

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 112 mg/m<sup>3</sup>

A4, DSens

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

DSens = Dermal sensitizer.

### Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

Avoid contact with eyes. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

**Hand protection**

It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

**Other skin and body protection**

May cause skin sensitization or allergic reactions in sensitive individuals. Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Hygiene measures**

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

**Respiratory protection**

No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

**Environmental exposure controls**

Keep container tightly sealed when not in use. Avoid release to the environment.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Characteristic.
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not applicable.

## Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

Vapor pressure	0.1 hPa @ 20°C
Vapor density	Not determined.
Relative density	Not determined.
Solubility(ies)	Not miscible or difficult to mix.
Partition coefficient	Not determined.
Auto-ignition temperature	Product is not self-igniting.
Viscosity	Not determined.
Explosive properties	Product does not present an explosion hazard.

### 10. Stability and reactivity

Reactivity	See the other subsections of this section for further details.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

Notes (oral LD<sub>50</sub>) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 33,670.03

##### Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

##### Respiratory sensitization

Respiratory sensitization Based on available data the classification criteria are not met.

##### Skin sensitization

Skin sensitization May cause skin sensitization or allergic reactions in sensitive individuals.

##### Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

##### Carcinogenicity

## Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b>IARC carcinogenicity</b>	None of the ingredients are listed or exempt.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause sensitization or allergic reactions in sensitive individuals.
<b>Skin Contact</b>	May cause skin sensitization or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Irritating to eyes.
<b>Route of exposure</b>	Ingestion Inhalation Skin and/or eye contact
<b>Target Organs</b>	No specific target organs known.
<b>Medical considerations</b>	Skin disorders and allergies.

### 12. Ecological information

<b>Toxicity</b>	Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.
<b><u>Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	The degradability of the product is not known.
<b><u>Bioaccumulative potential</u></b>	
<b>Bio-Accumulative Potential</b>	No data available on bioaccumulation.
<b>Partition coefficient</b>	Not determined.
<b><u>Mobility in soil</u></b>	
<b>Mobility</b>	No data available.
<b><u>Other adverse effects</u></b>	
<b>Other adverse effects</b>	None known.

### 13. Disposal considerations

#### Waste treatment methods

# Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

**General information** The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods** Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## 14. Transport information

### UN Number

**UN No. (IMDG)** Not Dangerous Goods - see Special Precautions below

**UN No. (ICAO)** Not Dangerous Goods - see Special Precautions A197 below

**UN No. (DOT)** Not Hazardous Materials - see Special Precautions below

### UN proper shipping name

**Proper shipping name (IMDG)** Not Dangerous Goods - see Special Precautions below

**Proper shipping name (ICAO)** Not Dangerous Goods - see Special Precautions A197 below

**Proper shipping name (DOT)** Not Hazardous Materials - see Special Precautions below

### Transport hazard class(es)

**DOT hazard class** Not Hazardous Materials - see Special Precautions below

**IMDG Class** Not Dangerous Goods - see Special Precautions below

**ICAO class/division** Not Dangerous Goods - see Special Precautions A197 below

### Packing group

**IMDG packing group** Not Dangerous Goods - see Special Precautions below

**ICAO packing group** Not Dangerous Goods - see Special Precautions A197 below

**DOT packing group** Not Hazardous Materials - see Special Precautions below

### Special precautions for user

**ICAO** A197 - These substances when carried in combination packagings containing a net quantity of per inner packaging of 5L or less for liquids are not subject to any other provisions of the Instructions

**DOT** 49 CFR 171.4(c)(1) - Marine Pollutant Exception - the requirements of this subchapter specific to marine pollutants do not apply to non-bulk packagings transported by motor vehicle, rail car or aircraft.

**IMDG** 969 - Substances which are transported under UN 3082 but which do not meet the criteria of 2.9.3 (see 2.9.2.2) are not subject to the provisions for marine pollutants

**IMDG** IMDG 2.10.2.7 - Marine pollutants packaged in combination packagings containing a net quantity per inner packaging of 5 L or less for liquids are not subject to any other provisions of this Code relevant to marine pollutants

## 15. Regulatory information

### US Federal Regulations

#### **SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

None of the ingredients are listed or exempt.

# Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

## **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

None of the ingredients are listed or exempt.

## **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed or exempt.

## **SARA 313 Emission Reporting**

None of the ingredients are listed or exempt.

## **CAA Accidental Release Prevention**

None of the ingredients are listed or exempt.

## **FDA - Essential Chemical**

None of the ingredients are listed or exempt.

## **FDA - Precursor Chemical**

None of the ingredients are listed or exempt.

## **SARA (311/312) Hazard Categories**

None of the ingredients are listed or exempt.

## **OSHA Highly Hazardous Chemicals**

None of the ingredients are listed or exempt.

## **US State Regulations**

### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

### **California Air Toxics "Hot Spots" (A-I)**

None of the ingredients are listed or exempt.

### **California Air Toxics "Hot Spots" (A-II)**

None of the ingredients are listed or exempt.

### **California Directors List of Hazardous Substances**

None of the ingredients are listed or exempt.

### **Massachusetts "Right To Know" List**

None of the ingredients are listed or exempt.

### **Rhode Island "Right To Know" List**

None of the ingredients are listed or exempt.

### **Minnesota "Right To Know" List**

None of the ingredients are listed or exempt.

### **New Jersey "Right To Know" List**

None of the ingredients are listed or exempt.

### **Pennsylvania "Right To Know" List**

None of the ingredients are listed or exempt.

## **Inventories**

### **US - TSCA**

The following ingredients are listed or exempt:

*[3R-(3 $\alpha$ ,3 $\beta$ ,7 $\beta$ ,8 $\alpha$ )]-2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene*

*Camphene*

*Methyl 2,4-dihydroxy-3,6-dimethylbenzoate*

# Bath & Body Works Wallflowers Home Fragrance Refill Vanilla Balsam

DELTA -3-CARENE

3-ethoxy-4-hydroxybenzaldehyde

Vanillin

2,4-dimethylcyclohex-3-ene-1-carbaldehyde

## US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

### 16. Other information

<b>Classification abbreviations and acronyms</b>	Eye Irrit. = Eye irritation Skin Sens. = Skin sensitisation Aquatic Chronic = Hazardous to the aquatic environment (chronic)
<b>Training advice</b>	Read and follow manufacturer's recommendations.
<b>SDS No.</b>	6150
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapor. H226 Flammable liquid and vapor. H228 Flammable solid. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H401 Toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.