

# S A F E T Y D A T A S H E E T

according to Regulation (EC) No. 1907/2006  
(amended by Regulation (EU) 2020/878)

## No 4 Verbena Scented Candle

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### ***SECTION 1: Identification of the substance/mixture and of the company/undertaking***

#### **1.1. Product identifier**

**Product name** No 4 Verbena Scented Candle  
**Product code** None.

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of the Substance/Mixture** Scented candle

#### **1.3. Details of the supplier of the safety data sheet**

**Company/Undertaking** MAREIN AG  
**Identification** Bahnhofstrasse 134  
CH-8957 Spreitenbach  
Tel: +41 (0)56 418 10 40  
Mail: info@marein.ch

**1.4. Emergency telephone number** 145 (Tox Info Suisse)

**Revision date** 20.06.2024

**Version** GHS 1

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### ***SECTION 2: Hazards identification***

#### **2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008** The substance or mixture is not classified.

**Additional information** For the full text of the phrases mentioned in this Section, see Section 16.

## 2.2. Label elements

<b>Signal Word</b>	None.
<b>Hazard Statements</b>	None.
<b>Precautionary statements</b>	P102: Keep out of reach of children.
<b>Supplemental information</b>	EUH208: Contains linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool, 3,7-Dimethyl octa-1,6-diene-3-yl acetate. May produce an allergic reaction.
<b>Product identifier</b>	Not required.
<b>2.3. Other hazards</b>	Does not contain any PBT/vPvB substances ≥ 0.1%, assessed according to REACH Annex XIII.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Components	Weight %	CLP Classification	Product identifier
Diethylhexyl adipate	5% - 10%	Skin Irrit. 2 H315, Eye Irrit. 2 H319	CAS-No.: 103-23-1 EC-No.: 203-090-1
benzyl benzoate	1% - 2.5%	Acute Tox. 4 H302, Aquatic Chronic 2 H411	CAS-No.: 120-51-4 EC-No.: 204-402-9 Index-No: 607-085-00-9
3,7-Dimethyl octa-1,6-diene-3-yl acetate	0.1% - 0.5%	Skin Irrit. 2 H315, Eye Irrit. 2 H319, Skin Sens. 1B H317	CAS-No.: 115-95-7 EC-No.: 204-116-4
linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool	0.1% - 0.5%	Skin Sens. 1B H317	CAS-No.: 78-70-6 EC-No.: 201-134-4 Index-No: 603-235-00-2

For the full text of the phrases mentioned in this Section, see Section 16.

<b>Hazardous impurities</b>	None known.
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Not hazardous by inhalation. Consult a physician for severe cases. Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
<b>Skin contact</b>	No special measures required. Wash with water and soap as a precaution.
<b>Eye contact</b>	If eye irritation persists, consult a specialist.
<b>Ingestion</b>	Consult a physician if necessary.

**4.2. Most important symptoms and effects, both acute and delayed** None known.

**4.3. Indication of any immediate medical attention and special treatment needed** None known.

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.

**Unsuitable extinguishing media** High volume water jet.

**5.2. Special hazards arising from the substance or mixture** During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

### **5.3. Advice for firefighters**

**Special protective equipment for firefighters** Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus. Wear protective suit.

**Specific methods** No special measures required.

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## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** No special measures required. Avoid contact with skin and eyes.

**For emergency responders** No special measures required. Avoid contact with skin and eyes.

**6.2. Environmental precautions** Avoid entering the sewage system, material floats due to low density, risk of clogging of pipelines. Do not flush into surface water.

**6.3. Methods and material for containment and cleaning up** Take up mechanically and collect in suitable container for disposal. Keep in suitable and closed containers for disposal (Plastic container of HDPE).

**6.4. Reference to other sections** See chapter 8 and 13.

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## **SECTION 7: Handling and storage**

<b>7.1. Precautions for safe handling</b>	No special precautions required. Avoid contact with skin and eyes.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	To maintain product quality, do not store in heat or direct sunlight.
<b>7.3. Specific end use(s)</b>	No information available.

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

<b>Exposure limit(s)</b>	No data is available on the product itself.
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### **8.2. Exposure controls**

<b>Appropriate engineering controls</b>	Handle in accordance with good industrial hygiene and safety practice.
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#### **Personal protection equipment**

<i>Respiratory protection</i>	No special protective equipment required.
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<i>Hand protection</i>	Normally none needed. Use gloves if repeated or prolonged contact is expected. Gloves made of latex. Break through time: > 4 h. Minimum layer thickness: 0.11 mm. The selected protective gloves have to satisfy the specifications of Regulation (EU) No. 2016/425 and the standard EN 374 derived from it.
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<i>Eye protection</i>	Avoid contact with eyes.
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<i>Skin and body protection</i>	No special measures required.
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<i>Thermal hazards</i>	No special measures required.
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<b>Environmental exposure controls</b>	Prevent product from entering surface water or sewage.
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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Solid, plastic.
<b>Colour</b>	Green.
<b>Odour</b>	Product typical.
<b>Melting point/ freezing point:</b>	> 40°C
<b>Boiling point or initial boiling point / range:</b>	Not determined.
<b>Flammability:</b>	flammable
<b>Lower and upper explosion limit:</b>	Not determined.

<b>Flash point:</b>	> 200 °C
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH:</b>	Not applicable.
<b>Kinematic viscosity:</b>	Not determined.
<b>Solubility:</b>	insoluble (Water) partly soluble (apolar solvents)
<b>Partition coefficient n-octanol/water (log value):</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density:</b>	0.85 - 1.00
<b>Relative vapour density:</b>	Not determined.
<b>Particle characteristics:</b>	Not applicable.

## 9.2. Other information

<b>9.2.1 Information with regard to physical hazard classes</b>	No information available.
<b>9.2.2 Other safety characteristics</b>	No information available.

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## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is flammable but not readily ignited.
<b>10.2. Chemical stability</b>	No decomposition if used as directed.
<b>10.3. Possibility of hazardous reactions</b>	No information available.
<b>10.4. Conditions to avoid</b>	Not required.
<b>10.5. Incompatible materials</b>	Peroxides. Oxidizing agents.
<b>10.6. Hazardous decomposition products</b>	None under normal use.

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## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity</b>	Negligible. <b>Diethylhexyl adipate (CAS 103-23-1)</b> Dermal LD50 Rabbit = 8410 mg/kg (NLM_CIP) Inhalation LC50 Rat > 5.7 mg/L 4 h(ECHA_API) Oral LD50 Rat = 5600 mg/kg (NLM_CIP) <b>benzyl benzoate (CAS 120-51-4)</b> Dermal LD50 Rabbit = 4000 mg/kg (NLM_CIP) Oral LD50 Rat > 2000 mg/kg (ECHA_API) <b>3,7-Dimethyl octa-1,6-diene-3-yl acetate (CAS 115-95-7)</b> Dermal LD50 Rabbit > 5000 mg/kg (ECHA) Inhalation LC50 Rat > 18.94 mg/L 8 h(ECHA) Oral LD50 Rat = 14550 mg/kg (EPA HPV)
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<b>linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool (CAS 78-70-6)</b> Inhalation LC50 Mouse > 3.2 mg/L 90 min (ECHA_API) Dermal LD50 Rabbit = 5610 mg/kg (ECHA_API) Oral LD50 Rat = 2790 mg/kg (NLM_CIP)	
<b>Skin corrosion/irritation</b>	None.
<b>Serious eye damage/eye irritation</b>	None.
<b>Respiratory / Skin Sensitisation</b>	None.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity (single exposure)</b>	No data available.
<b>Specific target organ toxicity (repeated exposure)</b>	No data available.
<b>Aspiration hazard</b>	No data available.
<b>Human experience</b>	No data available.

## 11.2. Information on other hazards

<b>Endocrine disrupting properties</b>	Contains no endocrine disrupting chemicals.
<b>Other information</b>	No data available.

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## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	Harmful to aquatic life with long lasting effects.
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### **Diethylhexyl adipate (CAS 103-23-1)**

Ecotoxicity - Freshwater Algae -	EC50 72 h Desmodesmus subspicatus >500 mg/L (IUCLID)
Acute Toxicity Data	
Ecotoxicity - Freshwater Fish -	LC50 96 h Lepomis macrochirus 0.48 - 0.85 mg/L [static] (EPA)
Acute Toxicity Data	LC50 96 h Oncorhynchus mykiss 0.48 - 0.85 mg/L [static] (EPA)
Ecotoxicity - Water Flea - Acute	LC50 96 h Pimephales promelas 0.48 - 0.85 mg/L [static] (EPA)
Toxicity Data	EC50 48 h Daphnia magna >1.6 mg/L (IUCLID)

### **benzyl benzoate (CAS 120-51-4)**

Ecotoxicity - Freshwater Fish -	LC50 96 h Danio rerio 2.32 mg/L [semi-static] (ECHA)
Acute Toxicity Data	

### **3,7-Dimethyl octa-1,6-diene-3-yl acetate (CAS 115-95-7)**

Ecotoxicity - Freshwater Fish -	LC50 96 h Cyprinus carpio 11 mg/L [flow-through] (ECHA)
Acute Toxicity Data	

### **linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool (CAS 78-70-6)**

Ecotoxicity - Freshwater Algae -	EC50 96 h Desmodesmus subspicatus 88.3 mg/L (IUCLID)
Acute Toxicity Data	

Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Oncorhynchus mykiss 27.8 mg/L [static] (ECHA)
Ecotoxicity - Water Flea - Acute Toxicity Data	EC50 48 h Daphnia magna 20 mg/L (IUCLID)
<b>12.2. Persistence and degradability</b>	Expected to be biodegradable.
<b>12.3. Bioaccumulative potential</b>	Bioaccumulation is unlikely.
<b>12.4. Mobility in soil</b>	No data available.
<b>12.5. Results of PBT and vPvB assessment</b>	No information available.
<b>12.6. Endocrine disrupting properties</b>	Contains no endocrine disrupting chemicals.
<b>12.7. Other adverse effects</b>	No information available.

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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

<b>Waste from residues / unused products</b>	Dispose of remaining quantities for their intended purpose or dispose of them as hazardous waste. Empty packs can be disposed of with household waste.
<b>Contaminated packaging</b>	Cardboard boxes can be delivered to the local recycling facilities.

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## **SECTION 14: Transport information**

<b>14.1. UN number or ID number</b>	Not applicable.
<b>14.2. UN proper shipping name</b>	Not applicable.
<b>14.3. Transport hazard class(es)</b>	Not applicable.
<b>14.4. Packing group</b>	Not applicable.
<b>14.5. Environmental hazards</b>	Not applicable.
<b>14.6. Special precautions for user</b>	Not applicable.
<b>14.7. Maritime transport in bulk according to IMO instruments</b>	Not applicable.

### **UN Model Regulations**

<b>ADR/RID</b>	Not regulated.
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<b>IMDG</b>	Not regulated.
<b>IATA</b>	Not regulated.
<b>Further Information</b>	Not classified as dangerous in the meaning of transport regulations.

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## **SECTION 15: Regulatory information**

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

<b>Regulatory Information</b>	The product is classified and labelled according to Regulation (EC) No. 1272/2008.
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#### **Diethylhexyl adipate (CAS 103-23-1)**

TEDX (The Endocrine Disruption Exchange) - Potential Endocrine Disruptors	Present
EU - Endocrine Disrupters (COM (2001)262) - Candidate List of Substances	Group III Chemical
EU - Endocrine Disrupters - Ranked Priority List - Human Health Categorizations	Category 3b
EU - Endocrine Disrupters - Ranked Priority List - Overall Categorizations	Category 3b
EU - Endocrine Disrupters - Ranked Priority List - Wildlife Categorizations	Category 3b
EU - REACH (1907/2006) - List of Registered Substances	Present

#### **benzyl benzoate (CAS 120-51-4)**

EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC	Product type: 19
EU - REACH (1907/2006) - List of Registered Substances	Product type: 2
EU - REACH (1907/2006) - List of Registered Substances	Present

#### **3,7-Dimethyl octa-1,6-diene-3-yl acetate (CAS 115-95-7)**

EU - REACH (1907/2006) - List of Registered Substances	Present
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#### **linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool (CAS 78-70-6)**

EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC	Product type: 19
EU - REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	Use restricted. See entry 75.
EU - REACH (1907/2006) - List of Registered Substances	Present

<b>15.2. Chemical safety assessment</b>	Not required.
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## **SECTION 16: Other information**

<b>Key or legend to abbreviations and acronyms</b>	CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)
<b>Key literature references and sources for data</b>	Sources of key data used to compile the Safety Data Sheet: REACH, ECHA.
<b>Classification procedure</b>	Calculation method.
<b>Full text of phrases referred to under sections 2 and 3</b>	H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H411: Toxic to aquatic life with long lasting effects.
<b>Further information</b>	This product contains no additional preserving agents.
<b>Disclaimer</b>	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.