



**Trade Name: Wildbeeren Aroma**

Company / Supplier: MEDISANA AG, Jagenbergstr. 19, D- 41468 Neuss

Telephone: +49 (0) 2131 / 36 68 0, Date of issue: 27.02.2015 Replaces Data Sheet of: ---

**SECTION 3: Composition/information on ingredients****3.1 Substances****Dangerous Ingredients:****3.2 Mixtures****Chemical Characterisation:**

Aqueous solution

**Dangerous Ingredients:**

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol	R / H - phrases
9005-67-8	n.av.	n.av.	Sorbitan monostearate, ethoxylated	15 - 30%	Xi ; GHS07	R 36 ; H319
84-66-2	n.av.	201-550-6	Diethylphthalat	5 - 20%	n.ap.	R 52/53 ; H412
111-27-3	603-059-00-6	203-852-3	1-Hexanol	1 - 5%	Xn ; GHS07 Wng	R 22 ; H302
6259-76-3	n.av.	228-208-6	Hexylsalicylat REACH_01-2119638275-36-xxxx	1 -2,5%	Xi, N ; GHS07 GHS09	R 36/38-43-50/53 ; H315 H319 H317 H400 H410
18479-58-8	n.av.	242-362-4	2,6-dimethyloct-7-en-2-ol	1 - 5%	Xi ; GHS07	R36/38 ; H315 H319

Text of R-/H- phrases: see section 16

**SECTION 4: First aid measures****4.1 Description of first aid measures****4.1.1 Inhalation:**

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

Consult a physician if necessary.

**4.1.2 Skin Contact:**

Wash off immediately with plenty of water. In the case of skin irritation or allergic reactions see a physician.

**4.1.3 Eye Contact:**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**4.1.4 Ingestion:**

Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting.

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**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.**5.1.2 Extinguishing Media to Avoid:**

None.

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

In the event of fire the following can be released: Carbon oxides.

**5.3 Advice for firefighters****5.3.1 Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

**5.3.2 Additional Information:**

In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

See chapter 8.2.2

Provide adequate ventilation.

**6.2 Environmental precautions**

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

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

Sweep up or vacuum up spillage and collect in suitable container for disposal.

**6.4 Reference to other sections**

None.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling****7.1.1 Precautions for Safe Handling:**

Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

**7.1.2 Precautions in Case of Fire and Explosion:**

No special precautions required. Normal measures for preventive fire protection. Keep away from sources of ignition - No smoking.

**7.2 Conditions for safe storage, including any incompatibilities****7.2.1 Storage Instructions:**

Keep containers tightly closed in a dry, cool and well-ventilated place. Avoid subsoil penetration.

**7.2.2 Store away from:**

Incompatible with oxidizing agents.

**7.2.3 Further Information on Storage Conditions:**

Protect from frost, heat and sunlight.

**7.3 Specific end use(s)**

n.av.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Material**

1-Hexanol

**Limit Value**

50 ppm | 210 mg/m<sup>3</sup>

**8.2 Exposure controls****8.2.1 Appropriate engineering controls**

Ensure adequate ventilation.

**8.2.2 Individual protection measures****8.2.2a Respiratory** not required under normal use**Protection:****8.2.2b Hand Protection:**

Protective gloves complying with EN 374.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**8.2.2c Eye Protection:** tightly fitting safety goggles**8.2.2d Skin Protection:** No.**8.2.2e Further Information:** Observe wearing time limits:**8.2.3 Environmental exposure controls:**

Do not flush into surface water or sanitary sewer system.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

9.1.1	<b>Form:</b> liquid	<b>Colour:</b> colourless	<b>Odour:</b> pleasant
			<b>Odour threshold:</b> n.av.
9.1.2	pH-value, undiluted:	n.av.,	pH-value, 1% aqueous solution: n.av.
9.1.3	Boiling point / Boiling - range (°C):	n.av.,	Melting point / Melting range (°C): n.av.
9.1.4	Flash point (°C):	n.ap.,	closed cup
9.1.5	Flammability (EEC A10/A13):	No.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	No.	
9.1.8	Oxidising properties:	No.	
9.1.9	Explosion hazard:	No.	
9.1.10	Explosion limits (Vol.%) lower:	n.av.,	upper: n.av.
9.1.11	Vapour pressure: / Vapour density (Air = 1):	n.av. /	n.av.
9.1.12	Density (g/ml):	n.av.	
9.1.13	Solubility (in Water):	miscible	Soluble in: polar solvents
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	n.av.	
9.1.16	Solvent content (m %):	n.ap.	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	<b>Other information</b>		
	n.av.		

**SECTION 10: Stability and reactivity**

10.1	<b>Reactivity</b> Stable under recommended storage conditions.
10.2	<b>Chemical stability</b> Stable under normal conditions.
10.3	<b>Possibility of hazardous reactions</b> No dangerous reaction known under conditions of normal use.
10.4	<b>Conditions to avoid</b> Handle in accordance with good industrial hygiene and safety practice.
10.5	<b>Incompatible materials</b> Incompatible with oxidizing agents.
10.6	<b>Hazardous decomposition products</b> No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

**SECTION 11: Toxicological information**

11.1	<b>Information on toxicological effects</b>	
11.1.1	<b>Substances:</b> n.ap.	
11.1.2	<b>Mixtures</b>	
	Acute Toxicity:	
	Inhalation:	n.av.
	Ingestion:	n.av.
	Skin Contact:	n.av.
	Irritation / corrosion (to skin / eye):	Causes serious eye irritation.
	Sensitisation:	May cause an allergic skin reaction.
	Carcinogenicity:	n.av.
	Mutagenicity:	n.av.
	Teratogenicity:	n.av.
	Narcotic Effects:	None.
11.1.3 –	<b>Practical Experience</b>	
11.1.12	n.av.	
11.1.13	<b>Practical Experience</b>	
	Observations relevant for classification:	
	None.	
	Further Observations:	
	None.	
	Classification of the preparation has been done by calculation in accordance with EEC directives.	

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**SECTION 12: Ecological information**

- 12.1 **Toxicity**  
We have no quantitative data concerning the ecological effects of this product. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Ecological injuries are not known or expected under normal use.
- 12.2 **Persistence and degradability**  
No data is available on the product itself.
- 12.3 **Bioaccumulative potential**  
n.av.
- 12.4 **Mobility in soil**  
n.ap.
- 12.5 **Results of PBT and vPvB assessment**  
This mixture contains no substances which are assessed to be PBT or vPvB.
- 12.6 **Other adverse effects**
  - 12.6.1 COD-Value, mg/g: n.ap.
  - 12.6.2 BOD5-Value, mg/g: n.av.
  - 12.6.3 AOX-Remarks: Not applicable.
  - 12.6.4 Significant Components: None.
  - 12.6.5 Other adverse effects: Not applicable.

**SECTION 13: Disposal considerations**

- 13.1 **Waste treatment methods**
  - 13.1.1 Recommendation: D10  
Waste - Code - No.: 20 01 30  
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
  
In addition comply with the regional authorities.
- 13.2 **Contaminated Packaging**
  - 13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product
  - 13.2.2 Safe Handling: As described under Residues. No dangerous reaction known under conditions of normal use.

**SECTION 14: Transport information**

	<b>ADR</b> Not a dangerous substance as defined in the above regulations.	<b>IMDG</b> Not a dangerous substance as defined in the above regulations.	<b>IATA</b> Not a dangerous substance as defined in the above regulations.
14.1	<b>UN number</b>		
14.2	<b>UN proper shipping name</b>		
14.3	<b>Transport hazard class(es)</b>		
14.4	<b>Packing group</b>		
14.5	<b>Environmental hazards</b>		
14.6	<b>Special precautions for user</b>		
	Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>		
		n.av.	

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**SECTION 15: Regulatory information**

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
n.av.
- 15.2 **Chemical safety assessment :**  
None.

**SECTION 16: Other information****Text of R / H phrases mentioned in Section 3**

R 22: Harmful if swallowed.

R 36: Irritating to eyes.

R 36/38: Irritating to eyes and skin.

R 43: May cause sensitization by skin contact.

R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

This datasheet has been compiled in accordance with EU regulation 453/201.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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