

EC safety data sheet

Trade name: VEMAB WAX W-70

Product no.: WFS-035

Current version : 8.0.0, issued: 06.09.2018

Replaced version: 7.1.0, issued: 01.08.2016

Region: GB

Print date: 05.03.2019

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

1.1 Product identifier

Trade name

VEMAB WAX W-70

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

Relevant identified uses of the substance or mixture

Anticaking agent

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Wachsfabrik Segeberg GmbH

Asternweg 11

D-23795 Bad Segeberg

Telephone no. +49 (0)4551 30 72

Fax no. +49 (0)4551 30 74

e-mail info@wachsfabrik.de

Information provided by / telephone

+49 (0)4551 30 72

Advice on Safety Data Sheet

info@wachsfabrik.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard statements (EU)

EUH210

Safety data sheet available on request.

2.3 Other hazards

Please observe the information given in this safety data sheet.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Mixture (preparation)

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Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics			
	- 918-481-9 - 01-2119457273-39	Asp. Tox. 1; H304 EUH066	>= 25.00 - < 50.00	%-b.w.
2	1,3-dipropylcyclohexane; 2-methylundecane; undecane			
	- 926-141-6 - 01-2119456620-43	Asp. Tox. 1; H304 EUH066	>= 10.00 - < 25.00	%-b.w.
3	2-diethylaminoethanol			
	100-37-8 202-845-2 603-048-00-6 01-2119488937-14	Acute Tox. 4; H302 Acute Tox. 3; H331 Flam. Liq. 3; H226 Skin Corr. 1B; H314 Acute Tox. 3; H311 STOT SE 3; H335	< 2.50	%-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	-	STOT SE 3; H335: C >= 5%	-	-

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Seek medical advice immediately. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down). Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO2, powders, water spray

Unsuitable extinguishing media

High power water jet

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5.2 Special hazards arising from the substance or mixture

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

5.3 Advice for firefighters

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Forms slippery surfaces with water.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically. Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Wash hands before breaks and after work.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Recommended storage temperature

Value < 30 °C

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

Advice on storage assembly

Do not store together with: Oxidizing agents; Do not store together with foodstuffs.

7.3 Specific end use(s)

No data available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	2-diethylaminoethanol			100-37-8 202-845-2	
	dermal	Long term (chronic)	systemic	1	mg/kg/day
	inhalative	Long term (chronic)	systemic	7.34	mg/m ³
	inhalative	Long term (chronic)	local	1.07	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	2-diethylaminoethanol		100-37-8 202-845-2	
	water	fresh water	0.044	mg/L
	water	marine water	0.0044	mg/L
	water	Aqua intermittent	4.4	mg/L
	water	fresh water sediment	0.475	mg/kg
	with reference to: dry weight			
	water	marine water sediment	0.0475	mg/kg
	with reference to: dry weight			
	soil	-	0.069	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	10	mg/L

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If ventilation insufficient, use a respiratory protection apparatus.

Eye / face protection

Safety glasses (EN 166)

Hand protection

Besides the suitable material, the choice of protective gloves depends additionally on quality criteria which may vary from one manufacturer to the other. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour
pasty
beige

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Odour			
characteristic			
Odour threshold			
No data available			
pH value			
Not applicable			
Boiling point / boiling range			
Value	50	- 250	°C
Melting point / melting range			
Value	appr.	55	°C
Decomposition point / decomposition range			
No data available			
Flash point			
Value	>	65	°C
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties			
No data available			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
No data available			
Upper flammability or explosive limits			
No data available			
Vapour pressure			
No data available			
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value	0.88	g/ml	
Reference temperature	20	°C	
Solubility in water			
Remarks	partially miscible		
Solubility(ies)			
No data available			
Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
log Pow		0.21	
Reference temperature		23	°C
Method	OECD 107		
Source	ECHA		

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Viscosity

No data available

9.2 Other information

Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
LD50		1320	mg/kg bodyweight
Species	rat		
Source	ECHA		

Acute dermal toxicity (result of the ATE calculation for the mixture)

No	Product Name
1	Oskar's M - 700 Mould release Paste Wax
Remarks	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).

Acute dermal toxicity

No data available

Acute inhalational toxicity (result of the ATE calculation for the mixture)

No	Product Name
1	Oskar's M - 700 Mould release Paste Wax
Remarks	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists).

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Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
LC50		4.6	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	corrosive		

Serious eye damage/irritation			
No data available			

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No data available			

Reproduction toxicity			
No data available			

Carcinogenicity			
No data available			

STOT - single exposure			
No data available			

STOT - repeated exposure			
No data available			

Aspiration hazard			
No data available			

Other information			
The product was classified on the basis of the calculation procedure of the regulation (EC) No 1272/2008 (CLP).			

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
LC50		147	mg/l
Duration of exposure		96	h
Species	Leuciscus idus		
Method	DIN 38412		
Source	ECHA		

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Toxicity to fish (chronic)			
No data available			

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
EC50		83.6	mg/l
Duration of exposure		48	h
Species		Daphnia magna	
Source		ECHA	

Toxicity to Daphnia (chronic)			
No data available			

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
ErC50		44	mg/l
Duration of exposure		72	h
Species		Scenedesmus subspicatus	
Source		ECHA	

Toxicity to algae (chronic)			
No data available			

Bacteria toxicity			
No data available			

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
Type		aerobic biodegradation	
Value		95	%
Duration		22	day(s)
Method		OECD 301 A	
Source		ECHA	
Evaluation		readily biodegradable	

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
BCF		6.1	
Species		Cyprinus carpio	
Method		OECD 305 C	
Source		ECHA	

Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	2-diethylaminoethanol	100-37-8	202-845-2
log Pow		0.21	
Reference temperature		23	°C
Method		OECD 107	
Source		ECHA	

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12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge into the drains or waters and do not store on public depositories.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

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SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XVII of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.