



OSKAR'S M-700 MOULD RELEASE PASTE WAX

EU SAFETY DATA SHEET



EU safety data sheet

Trade name: Oskar's M - 700 Mould release Paste Wax

Product no.: WFS-035

Current version : 8.0.2, issued: 21.05.2021

Replaced version: 8.0.1, issued: 10.12.2020

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name

Oskar's M - 700 Mould release Paste Wax**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

Asterweg 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 (Giflinformationszentrum 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**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			

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	- 918-481-9 - 01-2119457273-39	Asp. Tox. 1; H304 EUH066	>= 25.00 - < 50.00	wt%
2	1,3-dipropylcyclohexane; 2-methylundecane; undecane			
	- 926-141-6 - 01-2119456620-43	Asp. Tox. 1; H304 EUH066	>= 10.00 - < 25.00	wt%
3	2-diethylaminoethanol			
	100-37-8 202-845-2 603-048-00-6 01-2119488937-14	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 3; H311 Acute Tox. 3; H331 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335	< 1.00	wt%

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%	-	-

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
3	1320 mg/kg bodyweight		

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

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

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

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.

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5.3 Advice for firefighters

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

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

Collect 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****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.

Incompatible products

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

7.3 Specific end use(s)

No data available.

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	2.5	mg/kg/day
	inhalative	Long term (chronic)	systemic	18.3	mg/m ³
	inhalative	Long term (chronic)	local	10.7	mg/m ³

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PNEC values

No	Substance name	CAS / EC no
ecological compartment		Type
		Value
1	2-diethylaminoethanol	100-37-8 202-845-2
	water	fresh water
	water	marine water
	water	Aqua intermittent
	water	fresh water sediment
	water	marine water sediment
	soil	-
	sewage treatment plant	-
		0.062 mg/L
		0.006 mg/L
		0.34 mg/L
		0.673 mg/kg dry weight
		0.067 mg/kg dry weight
		0.098 mg/kg dry weight
		10 mg/L

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, local exhaust at the work station if necessary.

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

State of aggregation	
liquid	
Form/Colour	
pasty	
beige	
Odour	
characteristic	
pH value	
Not applicable	
Boiling point / boiling range	
Value	50 - 250 °C
Melting point/freezing point	
Value	appr. 55 °C
Decomposition temperature	
No data available	

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Flash point			
Value	>	65	°C
Ignition temperature			
No data available			
Flammability			
No data available			
Lower explosion limit			
No data available			
Upper explosion limit			
No data available			
Vapour pressure			
No data available			
Relative vapour density			
No data available			
Relative density			
No data available			
Density			
Value		0.88	g/ml
Reference temperature		20	°C
Solubility in water			
Comments	partially miscible		
Solubility			
No data available			
Partition coefficient n-octanol/water (log value)			
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	
Viscosity			
No data available			
Particle characteristics			
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

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10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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
Comments	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
Comments	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)).

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		

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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

11.2 Information on other hazards**Endocrine disrupting properties**

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	

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

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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 (log value)			
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	

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge into drains or waters and do not dispose of in public landfills.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

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.

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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 Maritime transport in bulk according to IMO instruments

Not relevant

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, MIXTURES AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in 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

A chemical safety assessment has not been carried out for this mixture.

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.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

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 section.

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.
H318	Causes serious eye damage.
H331	Toxic if inhaled.

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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.

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Made in Germany

