

# Safety Data Sheet

according to UK REACH Regulation

## DEKASYL 260 A white

Revision date: 08.11.2021

Product code: 80240

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

#### 1.1. Product identifier

DEKASYL 260 A white

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

##### Use of the substance/mixture

Adhesives, sealants

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

Company name: DINOL GmbH

Street: Pyrmonter Strasse 76

Place: D-32676 Luegde

Telephone: + 49 (0) 5281 982980

Telefax: + 49 (0) 5281 9829860

e-mail: msds@dinol.com

Contact person: Labor

Responsible Department: msds@dinol.com

#### 1.4. Emergency telephone

Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

number:

### SECTION 2: Hazards identification

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

##### GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

#### 2.2. Label elements

##### GB CLP Regulation

##### Special labelling of certain mixtures

EUH208 Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
2768-02-7	Vinyltrimethoxysilane			< 2,0 %
	220-449-8		01-2119513215-52	
	Flam. Liq. 3, Acute Tox. 4; H226 H332			

Full text of H and EUH statements: see section 16.

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### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
2768-02-7	220-449-8	Vinyltrimethoxysilane	< 2,0 %
		inhalation: LC50 = 16,79 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = >3460-4000 mg/kg; oral: LD50 = 7340-7460 mg/kg	

### Further Information

The homogeneous mixing of this product is controlled by continuous physical tests. Formerly dusty raw materials are completely integrated into the liquid/pasty mass. Possible AGW-values for solid substances are therefore not given, as there is no longer any risk of inhalation of these substances (when handling this mixture).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

If unconscious but breathing normally, place in recovery position and seek medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

In all cases of doubt, or when symptoms persist, seek medical advice.

#### After inhalation

Remove casualty to fresh air and keep warm and at rest.

Call a doctor if you feel unwell.

#### After contact with skin

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent and water.

If skin irritation occurs: Get medical advice/attention.

#### After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. In case of eye irritation consult an ophthalmologist.

#### After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

Do NOT induce vomiting.

Call a physician immediately.

Put victim at rest, cover with a blanket and keep warm.

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

No further relevant information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water spray jet

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Gases/vapours, toxic

### 5.3. Advice for firefighters

Do not inhale explosion and combustion gases.

In case of fire: Wear self-contained breathing apparatus.

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**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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

Avoid contact with skin, eyes and clothes.

Provide adequate ventilation.

Keep away from sources of ignition - No smoking.

**For emergency responders**

For further specification, refer to section 8 of the SDS.

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Prevent spread over a wide area (e.g. by containment or oil barriers).

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

**For cleaning up**

Provide adequate ventilation.

Clear contaminated areas thoroughly.

Do not rinse down with water.

**Other information**

No information available.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used.

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs.

When using do not eat or drink.

Wash hands before breaks and after work.

Avoid contact with skin and eyes.

Remove contaminated, saturated clothing immediately.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place.

Protect from moisture.

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### Hints on joint storage

Store away from foodstuffs.

### Further information on storage conditions

Protect against: Freeze

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

Keep away from heat.

Protect from direct sunlight.

Store in a cool dry place.

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
28553-12-0	Diisononyl phthalate	-	5		TWA (8 h)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

#### DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
28553-12-0	Diisononyl phthalate			
Worker DNEL, long-term		inhalation	systemic	51,72 mg/m³
Worker DNEL, long-term		dermal	systemic	366 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	15,3 mg/m³
Consumer DNEL, long-term		dermal	systemic	220 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	4,4 mg/kg bw/day
13463-67-7	Titanium dioxide			
Worker DNEL, long-term		inhalation	local	10 mg/m³
Consumer DNEL, long-term		oral	systemic	700 mg/kg bw/day
2768-02-7	Vinyltrimethoxysilane			
Consumer DNEL, long-term		dermal	systemic	0,3 mg/kg bw/day
Consumer DNEL, acute		dermal	local	26,9 mg/person/day
Consumer DNEL, long-term		oral	systemic	0,3 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	4,9 mg/m³
Worker DNEL, long-term		dermal	systemic	0,69 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,04 mg/m³
Consumer DNEL, acute		inhalation	local	93,4 mg/m³

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### PNEC values

CAS No	Substance	
Environmental compartment		Value
28553-12-0	Diisononyl phthalate	
Soil		30 mg/kg
13463-67-7	Titanium dioxide	
Freshwater		0,184 mg/l
Marine water		0,0184 mg/l
Freshwater sediment		1000 mg/kg
Marine sediment		100 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		100 mg/kg
2768-02-7	Vinyltrimethoxysilane	
Freshwater		0,34 mg/l
Marine water		0,034 mg/l
Freshwater sediment		1,24 mg/kg
Marine sediment		0,12 mg/kg
Micro-organisms in sewage treatment plants (STP)		110 mg/l
Soil		0,052 mg/kg

### 8.2. Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Eye glasses with side protection (DIN EN 166)

##### Hand protection

Tested protective gloves must be worn (EN ISO 374):

FKM (fluoro rubber), Breakthrough time:: 480 min.

NBR (Nitrile rubber), Breakthrough time:: 240 min.

Butyl caoutchouc (butyl rubber), Breakthrough time:: 30 min.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

##### Skin protection

Protective clothing

##### Respiratory protection

Work in well-ventilated zones or use proper respiratory protection.

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### SECTION 9: Physical and chemical properties

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

Physical state:	pastös
Colour:	white
Odour:	charakteristisch
Odour threshold:	not determined

#### Test method

#### Changes in the physical state

Melting point/freezing point: not determined

Boiling point or initial boiling point and boiling range: not determined

Flash point: &gt;100 °C DIN 51755

#### Flammability

Solid/liquid: not applicable

Gas: not applicable

#### Explosive properties

not determined

Lower explosion limits: not determined

Upper explosion limits: not determined

#### Self-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

pH-Value: not determined

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water.

#### Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Vapour pressure: < 100 hPa  
(at 20 °C)

Density (at 20 °C): 1,41 g/cm³ ISO 2811

Relative vapour density: not determined

#### 9.2. Other information

#### Information with regard to physical hazard classes

Oxidizing properties  
not determined

#### Other safety characteristics

Evaporation rate: not determined

#### Further Information

No information available.

### SECTION 10: Stability and reactivity

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#### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

Reacts with : acid.;Oxidising agent, strong

#### 10.4. Conditions to avoid

No further relevant information available.

#### 10.5. Incompatible materials

No further relevant information available.

#### 10.6. Hazardous decomposition products

After contact with water: Formation of: Methanol

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in GB CLP Regulation

##### Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
2768-02-7	Vinyltrimethoxysilane				
	oral	LD50 7340-7460 mg/kg	Rat		
	dermal	LD50 >3460-4000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 16,79 mg/l	Rat		
	inhalation aerosol	ATE 1,5 mg/l			

##### Irritation and corrosivity

Based on available data, the classification criteria are not met.  
Frequently or prolonged contact with skin may cause dermal irritation.

##### Sensitising effects

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

##### Carcinogenic/mutagenic/toxic effects for reproduction

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

##### STOT-single exposure

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

##### STOT-repeated exposure

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

##### Aspiration hazard

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

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

Endocrine disrupting potential No information available.

##### Further information

There are no data available on the preparation/mixture itself.

### SECTION 12: Ecological information

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### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
2768-02-7	Vinyltrimethoxysilane					
	Acute fish toxicity	LC50 >100 mg/l	96 h	Danio rerio (zebrafish)		
	Acute algae toxicity	ErC50 >100 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna (Big water flea)		

### 12.2. Persistence and degradability

There are no data available on the mixture itself.

### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
2768-02-7	Vinyltrimethoxysilane	1,1

### 12.4. Mobility in soil

There are no data available on the mixture itself.

### 12.5. Results of PBT and vPvB assessment

not applicable

### 12.6. Endocrine disrupting properties

Endocrine disrupting potential No information available.

### 12.7. Other adverse effects

No information available.

### Further information

There are no data available on the preparation/mixture itself.

Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Dispose of waste according to applicable legislation.

Do not mix with other wastes.

#### List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

#### List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

#### Contaminated packaging

Remove according to the regulations.



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### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.
Marine pollutant:	no

#### Air transport (ICAO-TI/IATA-DGR)

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 52

2004/42/EC (VOC):	0,2 g/l
	0,01 %

##### Additional information

Observe in addition any national regulations!

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

##### National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
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Water hazard class (D): 2 - obviously hazardous to water

**Additional information**

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 3,7,15.

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

**Relevant H and EUH statements (number and full text)**

H226 Flammable liquid and vapour.  
H332 Harmful if inhaled.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*