

**Safety Data Sheet**

according to UK REACH Regulation

**DEKASEAL 8936 LIGHT GREY**

Revision date: 16.06.2021

Product code: 1164

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

DEKASEAL 8936 LIGHT GREY

UFI: AX63-A07P-900D-TRW3

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

Adhesives, sealants

**Uses advised against**

No further relevant information available.

**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 number:** Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Causes skin irritation.

Harmful to aquatic life with long lasting effects.

**2.2. Label elements****GB CLP Regulation****Signal word:** Warning**Pictograms:****Hazard statements**

H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P264	Wash water thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.

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#### Special labelling of certain mixtures

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			
	Hydrocarbons, C6-C7, n-alkanes, Isoalkanes, cyclic, <5% n-hexane			10 - < 15 %
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
13463-67-7	Titanium dioxide			1 - < 5 %
	236-675-5		01-2119489379-17	
	Carc. 2; H351			

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

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

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
	921-024-6	Hydrocarbons, C6-C7, n-alkanes, Isoalkanes, cyclic, <5% n-hexane	10 - < 15 %
	inhalation: LC50 = > 20 mg/l (vapours); dermal: LD50 = >2920 mg/kg; oral: LD50 = > 5000 mg/kg		
13463-67-7	236-675-5	Titanium dioxide	1 - < 5 %
	inhalation: LC50 = > 6,8 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg		

##### Further Information

Hydrocarbons meet the requirements for not being classified as carcinogenic (<0,1% benzene alt<3% (w/w) DMSO extract (IP 346)).

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

Remove contaminated, saturated clothing immediately.

##### After inhalation

If unconscious place in recovery position and seek medical advice.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

##### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

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#### After ingestion

Call a doctor if you feel unwell.

#### **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 alcohol resistant foam

##### **Unsuitable extinguishing media**

No further relevant information available.

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

No further relevant information available.

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

Use appropriate respiratory protection.

#### **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 measures**

Avoid contact with skin, eyes and clothes.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

##### **Other information**

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

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

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

#### **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**

Use only in well-ventilated areas.

##### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

##### **Advice on general occupational hygiene**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

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Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

**Further information on handling**

Use only in well-ventilated areas.

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

No special measures are necessary.

**Hints on joint storage**

Not required.

**Further information on storage conditions**

none

**7.3. Specific end use(s)**

No further relevant 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
7727-43-7	Barium sulphate, inhalable dust	-	10		TWA (8 h)	WEL
1317-65-3	Calcium carbonate, respirable	-	4		TWA (8 h)	WEL
546-93-0	Magnesite, respirable dust	-	4		TWA (8 h)	WEL
14807-96-6	Talc respirable dust	-	1		TWA (8 h)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

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**DNEL/DMEL values**

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
	Hydrocarbons, C6-C7, n-alkanes, Isoalkanes, cyclic, <5% n-hexane		
Worker DNEL, long-term	dermal	systemic	773 mg/kg bw/day
Consumer DNEL, long-term	dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	699 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	2035 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	systemic	608 mg/m <sup>3</sup>
7727-43-7	Barium sulfate		
Worker DNEL, long-term	inhalation	systemic	10 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	10 mg/m <sup>3</sup>
Consumer DNEL, long-term	inhalation	systemic	10 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	13000 mg/kg bw/day
13463-67-7	Titanium dioxide		
Worker DNEL, long-term	inhalation	local	10 mg/m <sup>3</sup>
Consumer DNEL, long-term	oral	systemic	700 mg/kg bw/day
546-93-0	Magnesium carbonate		
Consumer DNEL, long-term	oral	systemic	7,23 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	7,23 mg/kg bw/day

**PNEC values**

CAS No	Substance	
Environmental compartment	Value	
7727-43-7	Barium sulfate	
Freshwater	0,115 mg/l	
Freshwater sediment	600,4 mg/kg	
Micro-organisms in sewage treatment plants (STP)	62,2 mg/l	
Soil	207,7 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	

**8.2. Exposure controls**


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### 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

Recommended eye protection articles :

Eye glasses with side protection (DIN EN 166)

#### Hand protection

Recommended glove articles :

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

NBR (Nitrile rubber), Breakthrough time (maximum wearing time): 480 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

Wear anti-static footwear and clothing

#### Respiratory protection

Use only outdoors or in a well-ventilated area.

## SECTION 9: Physical and chemical properties

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

Physical state:	Paste
Colour:	light grey
Odour:	characteristic
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:	89 - 107 °C
Flash point:	- 9 °C

#### Flammability

Solid/liquid:	not determined
Gas:	not determined

#### Explosive properties

not explosive.

Lower explosion limits:	0,6 vol. %
Upper explosion limits:	7 vol. %
Auto-ignition temperature:	> 200 °C
Decomposition temperature:	not determined
pH-Value:	not applicable
Viscosity / dynamic:	not applicable
Viscosity / kinematic:	not applicable
Water solubility:	Immiscible

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Partition coefficient n-octanol/water:	not determined
Vapour pressure: (at 25 °C)	> 150 hPa
Density:	1,34 g/cm <sup>3</sup> DIN 51757

**9.2. Other information**
**Information with regard to physical hazard classes**

Sustaining combustion: No data available

**Other safety characteristics**

Solvent content: 12,4 %

Solid content: 86,4 %

**Further Information**
**SECTION 10: Stability and reactivity**
**10.1. Reactivity**

No further relevant information available.

**10.2. Chemical stability**

This material is considered to be non-reactive under normal use conditions.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No further relevant information available.

**10.5. Incompatible materials**

No further relevant information available.

**10.6. Hazardous decomposition products**

Carbon monoxide

**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
	Hydrocarbons, C6-C7, n-alkanes, Isoalkanes, cyclic, <5% n-hexane				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 >2920 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 > 20 mg/l	Rat		
13463-67-7	Titanium dioxide				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
	inhalation (4 h) aerosol	LC50 > 6,8 mg/l	Rat		

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#### **Irritation and corrosivity**

Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

#### **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.

## SECTION 12: Ecological information

### **12.2. Persistence and degradability**

No further relevant information available.

### **12.3. Bioaccumulative potential**

No further relevant information available.

### **12.4. Mobility in soil**

No further relevant information available.

### **12.5. Results of PBT and vPvB assessment**

not applicable

### **12.7. Other adverse effects**

No further relevant 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**

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

#### **Contaminated packaging**

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

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#### Land transport (ADR/RID)

<b>14.1. UN 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:</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:</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:</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.

#### Other applicable information

Transport classification ADR/IMDG is based on packaging >30ltr(IMDG), <450ltr(ADR).

For other packaging untils different classification can apply.

### SECTION 15: Regulatory information

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

##### EU regulatory information

2004/42/EC (VOC):	12,40 %
	166,2 g/l

##### 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

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

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#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

#### SECTION 16: Other information

##### Changes

This data sheet contains changes from the previous version in section(s): 2,3,5,6,7,8,9,11,12,13,14,15,16.

##### 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%

##### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Aquatic Chronic 3; H412	Calculation method

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

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

##### 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.)*