

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

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

1.1. Product identifier

Castdon Polymer

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

Use of the substance/preparation

Plastic for the manufacturing and repair of dentures

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH

Max-Planck-Straße 31

DE-59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research & Development: Fax: +49 2303 8807-562

E-mail address of person responsible for this SDS sicherheitsdatenblatt@dreve.com

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 2 H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms ***



Hazard statements ***

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements ***

P273 Avoid release to the environment.

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

P391 Collect spillage.
 P501.1 Dispose of contents/container to industrial incineration plant.
 EUH208 Contains Methyl methacrylate, monomer, stabilized Dibenzoyl peroxide May produce an allergic reaction.

2.3. Other hazards

No special hazards have to be mentioned.

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients ***

3.2. Mixtures

Chemical characterization

Acrylic resin based on polymethyl methacrylate

Hazardous ingredients ***

Methyl methacrylate, monomer, stabilized

CAS No.	80-62-6			
EINECS no.	201-297-1			
Registration no.	01-2119452498-28			
Concentration	>= 0,1	<	1	%
Classification (Regulation (EC) No. 1272/2008)				
	Flam. Liq. 2		H225	
	Skin Irrit. 2		H315	
	Skin Sens. 1		H317	
	STOT SE 3		H335	

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note D

Dibenzoyl peroxide

CAS No.	94-36-0			
EINECS no.	202-327-6			
Registration no.	01-2119511472-50			
Concentration	>= 0,25	<	1	%
Classification (Regulation (EC) No. 1272/2008)				
	Org. Perox. B		H241	
	Eye Irrit. 2		H319	
	Skin Sens. 1		H317	
	Aquatic Acute 1		H400	
	Aquatic Chronic 1		H410	

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1	H400	M = 10
Aquatic Chronic 1	H410	M = 10
1		

SECTION 4: First aid measures

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 13.04.2026

Print date: 13.04.2026

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist, Extinguishing measures to suit surroundings

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advice on safe handling**

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value	10	25	°C
-------	----	----	----

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters**Other information**

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)**Methyl methacrylate, monomer, stabilized**

Reference substance	Methyl methacrylate, monomer, stabilized		
Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	inhalative		
Mode of action	Systemic effects		
Concentration	348,4		mg/m ³

	Methyl methacrylate, monomer, stabilized		
Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Long term		
Route of exposure	inhalative		
Mode of action	Local effects		
Concentration	208		mg/m ³

Type of value	Derived No Effect Level (DNEL)		
Reference group	Worker		
Duration of exposure	Lifetime		

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Route of exposure	inhalative	
Concentration	416	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	13,67	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	1,5	mg/cm ²
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	74,3	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	104	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Concentration	208	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	8,2	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	1,5	mg/cm ²
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	8,2	mg/kg/d

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Dibenzoyl peroxide

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	39	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	34,3	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	3,5	mg/m ³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	17	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	2	mg/kg/d

Predicted No Effect Concentration (PNEC)**Methyl methacrylate, monomer, stabilized**

Reference substance	Methyl methacrylate, monomer, stabilized	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,94	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0,094	mg/l
Type of value	PNEC	
Type	Soil	
Concentration	1,48	mg/kg
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	10,2	mg/kg

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	10	mg/l
Type of value	PNEC	
Type	Man via the environment	
Concentration	8,2	mg/kg/d
Type of value	PNEC	
Type	Marine sediment	
Concentration	1,2	mg/kg
Dibenzoyl peroxide		
Type of value	PNEC	
Type	Freshwater	
Concentration	0,02	µg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0,002	µg/l
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	0,35	mg/l
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	0,013	mg/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration	0,001	mg/kg
Type of value	PNEC	
Type	Soil	
Concentration	0,003	mg/kg

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Use suitable respiratory protective device in case of insufficient ventilation; Dust mask

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

Appropriate Material Butyl rubber

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Powder
Colour	pink
Odour	characteristic
Melting point	
Value	appr. 110 °C
Freezing point	
Remarks	not determined
Boiling point or initial boiling point and boiling range	
Remarks	not determined
Flammability	
evaluation	not determined
Upper and lower explosive limits	
Remarks	not determined
Flash point	
Remarks	Not applicable
Auto-ignition temperature	
Value	> 400 °C
Decomposition temperature	
Remarks	No decomposition if used as prescribed.
pH value	
Remarks	not determined
Viscosity	
Remarks	not determined
Solubility(ies)	
Remarks	not determined
Partition coefficient n-octanol/water (log value)	
Remarks	not determined
Vapour pressure	
Remarks	not determined
Density and/or relative density	
Value	1,16 g/cm ³
Relative vapour density	
Remarks	not determined

9.2. Other information

Odour threshold	
Remarks	not determined
Evaporation rate (ether = 1) :	
Remarks	not determined
Solubility in water	
Remarks	virtually insoluble

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Explosive properties

evaluation no

Oxidising properties

Remarks not determined

Bulk densityValue 700 to 750 kg/m³**Other information**

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Acute oral toxicity**

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

Acute oral toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	rat	
LD50	appr. 7900	mg/kg

Dibenzoyl peroxide

Species	mouse	
LD0	> 2000	mg/kg
Method	OECD 401	

Acute dermal toxicity

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

Acute dermal toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	rabbit	
LD50	> 5000	mg/kg
Method	OECD 402	

Acute inhalational toxicity

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

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

Acute inhalative toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	rat		
LC50	29,8		mg/l
Duration of exposure	4	h	
Administration/Form	Vapors		

Dibenzoyl peroxide

Species	rat (male)		
LC0	24,3		mg/l
Duration of exposure	4	h	
Administration/Form	Dust/Mist		
Method	OECD 403		

Skin corrosion/irritation

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

Skin corrosion/irritation (Components)**Methyl methacrylate, monomer, stabilized**

Species	Human
evaluation	irritant

Serious eye damage/irritation

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

Serious eye damage/irritation (Components)**Dibenzoyl peroxide**

Species	rabbit
evaluation	Moderately irritating

Sensitization

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

Sensitization (Components)**Methyl methacrylate, monomer, stabilized**

Route of exposure	dermal
Species	mouse
evaluation	sensitizing
Method	OECD 429

Dibenzoyl peroxide

Route of exposure	dermal
Species	mouse
evaluation	sensitizing
Method	OECD 429

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

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

Repeated exposure

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

Specific Target Organ Toxicity (STOT) (Components)**Methyl methacrylate, monomer, stabilized****Single exposure**

evaluation May cause respiratory irritation.
Route of exposure inhalative

Aspiration hazard

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

11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

Other information

Conditional of manufacturing there is a content of dibenzoylperoxide of ma. 0,5%.

SECTION 12: Ecological information

12.1. Toxicity**General information**

not determined

Fish toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LC50	>	79	mg/l
Duration of exposure	96	h	

Methyl methacrylate, monomer, stabilized

Species	zebra fish (<i>Brachydanio rerio</i>)		
NOEC	9,4		mg/l
Duration of exposure	35	d	
Method	OECD 210		

Dibenzoyl peroxide

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LC50	0,06		mg/l
Duration of exposure	96	h	
Method	OECD 203		

Daphnia toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	Daphnia magna		
EC50	69		mg/l
Duration of exposure	48	h	

Methyl methacrylate, monomer, stabilized

Species	Daphnia magna		
NOEC	37		mg/l
Duration of exposure	21	d	
Method	OECD 211		

Dibenzoyl peroxide

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Species	Daphnia magna		
EC50	0,11		mg/l
Duration of exposure	48	h	
Method	OECD 202		

Dibenzoyl peroxide

Species	Daphnia magna		
EC10	0,001		mg/l
Duration of exposure	21	d	
Method	OECD 211		

Algae toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	Pseudokirchneriella subcapitata		
EC50	> 110		mg/l
Duration of exposure	72	h	
Method	OECD 201		

Dibenzoyl peroxide

Species	Pseudokirchneriella subcapitata		
ErC50	0,071		mg/l
Duration of exposure	72	h	
Method	OECD 201		

Bacteria toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	activated sludge		
EC50	100		mg/l
Duration of exposure	14	d	

Dibenzoyl peroxide

Species	activated sludge		
EC50	35		mg/l
Duration of exposure	30	min	

12.2. Persistence and degradability**General information**

not determined

Biodegradability (Components)**Dibenzoyl peroxide**

Value	71		%
Duration of test	28	d	
evaluation	Readily biodegradable (according to OECD criteria)		

Methyl methacrylate, monomer, stabilized

Value	94		%
Duration of test	14	d	
evaluation	Readily biodegradable (according to OECD criteria)		
Method	OECD 301 C		

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)**Methyl methacrylate, monomer, stabilized**

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

log Pow	1,38	
Temperature	20	°C
Method	OECD 107	

Dibenzoyl peroxide

log Pow	3,2	
Temperature	22	°C

12.4. Mobility in soil**General information**

not determined

Mobility in soil (Components)

Methyl methacrylate, monomer, stabilized
Immobile

12.5. Results of PBT and vPvB assessment**General information**

not determined

Results of PBT and vPvB assessment

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**General information**

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 07 02 13 waste plastic
Must not be disposed together with household garbage.
Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)		-	-
Label			
14.4. Packing group		-	-

SECTION 15: Regulatory information ***

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

Ingredients with restrictions according to Annex XVII Regulation (EU) No. 1907/2006 ***

Methyl methacrylate, monomer, stabilized

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 3

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 40

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry-No. 75

Dibenzoyl peroxide

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry-No. 75

Other information

All components are contained in the TSCA inventory or exempted.

15.2. Chemical safety assessment

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

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 2

H411

Calculation method

Hazard statements listed in Chapter 2/3

H225

Highly flammable liquid and vapour.

H241

Heating may cause a fire or explosion.

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

Trade name: Castdon Polymer

Substance number: 1646

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
Org. Perox. B	Organic peroxide, Type B
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

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

1.1. Product identifier

Castdon Monomer

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

Use of the substance/preparation

Plastic for the manufacturing and repair of dentures

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH

Max-Planck-Straße 31

DE-59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research & Development: Fax: +49 2303 8807-562

E-mail address of person responsible for this SDS sicherheitsdatenblatt@dreve.com

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2 H225

Skin Irrit. 2 H315

Skin Sens. 1 H317

STOT SE 3 H335

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Hazard statements

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTRE or doctor if you feel unwell.
P501.1	Dispose of contents/container to industrial incineration plant.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains	Methyl methacrylate, monomer, stabilized; Tetramethylene dimethacrylate
----------	---

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures**Chemical characterization**

Liquid based on methacrylate acid ester, containing an activator

Hazardous ingredients**Methyl methacrylate, monomer, stabilized**

CAS No.	80-62-6		
EINECS no.	201-297-1		
Registration no.	01-2119452498-28		
Concentration	>= 50		%
Classification (Regulation (EC) No. 1272/2008)			
	Flam. Liq. 2		H225
	Skin Irrit. 2		H315
	Skin Sens. 1		H317
	STOT SE 3		H335

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note D

Tetramethylene dimethacrylate

CAS No.	2082-81-7		
EINECS no.	218-218-1		
Registration no.	01-2119967415-30		
Concentration	>= 10	< 25	%
Classification (Regulation (EC) No. 1272/2008)			
	Skin Sens. 1B		H317

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 13.04.2026

Print date: 13.04.2026

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. Clean body thoroughly (bath, shower). In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. Seek medical advice immediately.

After skin contact

Wash off immediately with soap and water. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus. Wear full protective suit.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 13.04.2026

Print date: 13.04.2026

and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case the product spills into sewage waters, immediately inform the authorities.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Do not pick up with the help of saw-dust or other combustible substances. Containers in which spilt substance has been collected must be adequately labelled. Dispose of as prescribed.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid formation of aerosols. Perform filling operations only at stations with exhaust ventilation facilities. Provide suitable exhaust ventilation at the processing machines. Avoid impact, friction and electro-static loading; risk of ignition! Use explosion-proof apparatus and fittings. Keep container tightly closed.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. No smoking. Take action to prevent static discharges. Avoid impact and friction. Use only explosion-proof equipment. Keep away from combustible material. Wear shoes with conductive soles.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

Hints on storage assembly

Do not store with strong oxidizing agents.

Further information on storage conditions

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Methyl methacrylate, monomer, stabilized

Value	208	mg/m ³	50	ppm(V)
Short term exposure limit	416	mg/m ³	100	ppm(V)

Other information

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)**Methyl methacrylate, monomer, stabilized**

Reference substance	Methyl methacrylate, monomer, stabilized
Type of value	Derived No Effect Level (DNEL)
Reference group	Worker
Duration of exposure	Long term
Route of exposure	inhalative
Mode of action	Systemic effects
Concentration	348,4 mg/m ³

Type of value	Methyl methacrylate, monomer, stabilized
	Derived No Effect Level (DNEL)
Reference group	Worker
Duration of exposure	Long term
Route of exposure	inhalative
Mode of action	Local effects
Concentration	208 mg/m ³

Type of value	Derived No Effect Level (DNEL)
Reference group	Worker
Duration of exposure	Lifetime
Route of exposure	inhalative
Concentration	416 mg/m ³

Type of value	Derived No Effect Level (DNEL)
Reference group	Worker
Duration of exposure	Long term
Route of exposure	dermal
Mode of action	Systemic effects
Concentration	13,67 mg/kg

Type of value	Derived No Effect Level (DNEL)
Reference group	Worker
Duration of exposure	Long term
Route of exposure	dermal
Mode of action	Local effects
Concentration	1,5 mg/cm ²

Type of value	Derived No Effect Level (DNEL)
Reference group	Consumer
Duration of exposure	Long term
Route of exposure	oral
Mode of action	Systemic effects
Concentration	74,3 mg/m ³

Type of value	Derived No Effect Level (DNEL)
Reference group	Consumer
Duration of exposure	Long term
Route of exposure	inhalative
Mode of action	Local effects

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Concentration	104	mg/m ³
---------------	-----	-------------------

Type of value	Derived No Effect Level (DNEL)
---------------	--------------------------------

Reference group	Consumer
-----------------	----------

Duration of exposure	Short term
----------------------	------------

Route of exposure	inhalative
-------------------	------------

Concentration	208	mg/m ³
---------------	-----	-------------------

Type of value	Derived No Effect Level (DNEL)
---------------	--------------------------------

Reference group	Consumer
-----------------	----------

Duration of exposure	Long term
----------------------	-----------

Route of exposure	dermal
-------------------	--------

Mode of action	Systemic effects
----------------	------------------

Concentration	8,2	mg/kg
---------------	-----	-------

Type of value	Derived No Effect Level (DNEL)
---------------	--------------------------------

Reference group	Consumer
-----------------	----------

Duration of exposure	Long term
----------------------	-----------

Route of exposure	dermal
-------------------	--------

Mode of action	Local effects
----------------	---------------

Concentration	1,5	mg/cm ²
---------------	-----	--------------------

Type of value	Derived No Effect Level (DNEL)
---------------	--------------------------------

Reference group	Consumer
-----------------	----------

Duration of exposure	Long term
----------------------	-----------

Route of exposure	oral
-------------------	------

Mode of action	Systemic effects
----------------	------------------

Concentration	8,2	mg/kg/d
---------------	-----	---------

Tetramethylene dimethacrylate

Type of value	Derived No Effect Level (DNEL)
---------------	--------------------------------

Reference group	Worker
-----------------	--------

Duration of exposure	Long term
----------------------	-----------

Route of exposure	inhalative
-------------------	------------

Mode of action	Systemic effects
----------------	------------------

Concentration	14,5	mg/m ³
---------------	------	-------------------

Type of value	Derived No Effect Level (DNEL)
---------------	--------------------------------

Reference group	Worker
-----------------	--------

Duration of exposure	Long term
----------------------	-----------

Route of exposure	dermal
-------------------	--------

Mode of action	Systemic effects
----------------	------------------

Concentration	4,2	mg/kg/d
---------------	-----	---------

Type of value	Derived No Effect Level (DNEL)
---------------	--------------------------------

Reference group	Consumer
-----------------	----------

Duration of exposure	Long term
----------------------	-----------

Route of exposure	inhalative
-------------------	------------

Mode of action	Systemic effects
----------------	------------------

Concentration	4,3	mg/m ³
---------------	-----	-------------------

Type of value	Derived No Effect Level (DNEL)
---------------	--------------------------------

Reference group	Consumer
-----------------	----------

Duration of exposure	Long term
----------------------	-----------

Route of exposure	oral
-------------------	------

Mode of action	Systemic effects
----------------	------------------



Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Concentration	2,5	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	2,5	mg/kg

Predicted No Effect Concentration (PNEC)**Methyl methacrylate, monomer, stabilized**

Reference substance	Methyl methacrylate, monomer, stabilized	
Type of value	PNEC	
Type	Freshwater	
Concentration	0,94	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0,094	mg/l
Type of value	PNEC	
Type	Soil	
Concentration	1,48	mg/kg
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	10,2	mg/kg
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	10	mg/l
Type of value	PNEC	
Type	Man via the environment	
Concentration	8,2	mg/kg/d
Type of value	PNEC	
Type	Marine sediment	
Concentration	1,2	mg/kg

Tetramethylene dimethacrylate

Type of value	PNEC	
Type	Freshwater	
Concentration	0,003	mg/l
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	20	mg/l
Type of value	PNEC	
Type	Freshwater sediment	
Concentration	0,12	mg/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration	0,012	mg/kg

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Type of value
Type
Concentration

PNEC
Soil

0,022

mg/kg

8.2. Exposure controls

General protective and hygiene measures

Do not smoke during work time. Hold eye wash fountain available. Hold emergency shower available.
Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Take off immediately all contaminated clothing. Do not eat or drink during work time. Wash hands before breaks and after work.
Clean skin thoroughly after work; apply skin cream.

Respiratory protection

Do not inhale vapours; Use suitable respiratory protective device in case of insufficient ventilation

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.
The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.
Gloves should be replaced regularly and if there is any sign of damage to the glove material.
Appropriate Material Butyl rubber
Hand protection must comply with EN 374.

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties ***

9.1. Information on basic physical and chemical properties

Physical state

liquid

Colour

colourless

Odour

ester-like

Melting point

Value

-48

°C

Freezing point

Remarks

not determined

Boiling point or initial boiling point and boiling range

Value

101

°C

Flammability

evaluation

Not applicable

Upper and lower explosive limits

Lower explosion limit

2,1

%(V)

Upper explosion limit

12,5

%(V)

Flash point

Value

10

°C

Method

closed cup

Auto-ignition temperature

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Value	430	°C
-------	-----	----

Decomposition temperature

Remarks	not determined
---------	----------------

pH value

Remarks	not determined
---------	----------------

Viscosity ***

Remarks	not determined
---------	----------------

Solubility(ies)

Remarks	not determined
---------	----------------

Partition coefficient n-octanol/water (log value)

Remarks	not determined
---------	----------------

Vapour pressure

Value	47		hPa
Temperature	20	°C	

Density and/or relative density

Value	0,95		g/cm ³
Temperature	20	°C	

Relative vapour density

Remarks	not determined
---------	----------------

9.2. Other information**Odour threshold**

Remarks	not determined
---------	----------------

Evaporation rate (ether = 1) :

Remarks	not determined
---------	----------------

Solubility in water

Remarks	partially miscible
---------	--------------------

Explosive properties

evaluation	not determined
------------	----------------

Oxidising properties

Remarks	not determined
---------	----------------

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Protect from heat and direct sunlight

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

10.5. Incompatible materials

Polymerisation with evolution of heat.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Acute oral toxicity**

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

Acute oral toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	rat	
LD50	appr. 7900	mg/kg

Tetramethylene dimethacrylate

Species	rat	
LD50	10066	mg/kg
Method	OECD 401	

Acute dermal toxicity

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

Acute dermal toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	rabbit	
LD50	> 5000	mg/kg
Method	OECD 402	

Tetramethylene dimethacrylate

Species	rat (female)	
LD50	> 2000	mg/kg
Method	OECD 402	

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)**Methyl methacrylate, monomer, stabilized**

Species	rat	
LC50	29,8	mg/l
Duration of exposure	4 h	
Administration/Form	Vapors	

Skin corrosion/irritation

evaluation irritant
Remarks The classification criteria are met.

Skin corrosion/irritation (Components)**Methyl methacrylate, monomer, stabilized**

Species	Human
evaluation	irritant

Serious eye damage/irritation

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

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

Sensitization

evaluation

May cause sensitization by skin contact.

Remarks

The classification criteria are met.

Sensitization (Components)**Methyl methacrylate, monomer, stabilized**

Route of exposure

dermal

Species

mouse

evaluation

sensitizing

Method

OECD 429

Tetramethylene dimethacrylate

Route of exposure

dermal

Species

mouse

evaluation

sensitizing

Method

OECD 429

Subacute, subchronic, chronic toxicity

Remarks

not determined

Mutagenicity

Remarks

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

Reproductive toxicity

Remarks

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

Carcinogenicity

Remarks

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

Specific Target Organ Toxicity (STOT)**Single exposure**

Remarks

The classification criteria are met.

evaluation

May cause respiratory irritation.

Repeated exposure

Remarks

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

Specific Target Organ Toxicity (STOT) (Components)**Methyl methacrylate, monomer, stabilized****Single exposure**

evaluation

May cause respiratory irritation.

Route of exposure inhalative

Aspiration hazard

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

11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Experience in practice

Inhalation may lead to irritation of the respiratory tract.

Other information

No toxicological data are available.

SECTION 12: Ecological information

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

Methyl methacrylate, monomer, stabilized

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)	
LC50	> 79	mg/l
Duration of exposure	96	h

Methyl methacrylate, monomer, stabilized

Species	zebra fish (<i>Brachydanio rerio</i>)	
NOEC	9,4	mg/l
Duration of exposure	35	d
Method	OECD 210	

Tetramethylene dimethacrylate

Species	zebra fish (<i>Brachydanio rerio</i>)	
LC50	3,34	mg/l
Duration of exposure	96	h
Method	OECD 203	

Daphnia toxicity (Components)

Methyl methacrylate, monomer, stabilized

Species	Daphnia magna	
EC50	69	mg/l
Duration of exposure	48	h

Methyl methacrylate, monomer, stabilized

Species	Daphnia magna	
NOEC	37	mg/l
Duration of exposure	21	d
Method	OECD 211	

Tetramethylene dimethacrylate

Species	Daphnia magna	
EC10	7,51	mg/l
Duration of exposure	21	d
Method	OECD 211	

Algae toxicity (Components)

Methyl methacrylate, monomer, stabilized

Species	Pseudokirchneriella subcapitata	
EC50	> 110	mg/l
Duration of exposure	72	h
Method	OECD 201	

Tetramethylene dimethacrylate

Species	Scenedesmus subspicatus	
EC50	9,79	mg/l
Duration of exposure	72	h
Method	OECD 201	

Bacteria toxicity (Components)

Tetramethylene dimethacrylate

Species	activated sludge	
NOEC	20	mg/l
Duration of exposure	28	d

Methyl methacrylate, monomer, stabilized

Species	activated sludge	
---------	------------------	--

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

EC50	100	mg/l
Duration of exposure	14	d

12.2. Persistence and degradability**General information**

not determined

Biodegradability (Components)**Tetramethylene dimethacrylate**

Value	84	%
Duration of test evaluation	28	d

Readily biodegradable (according to OECD criteria)

Methyl methacrylate, monomer, stabilized

Value	94	%
Duration of test evaluation	14	d

Readily biodegradable (according to OECD criteria)

Method OECD 301 C

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)**Methyl methacrylate, monomer, stabilized**

log Pow	1,38
Temperature	20 °C

Method OECD 107

Tetramethylene dimethacrylate

log Pow	3,1
Temperature	20 °C

12.4. Mobility in soil**General information**

not determined

Mobility in soil (Components)**Methyl methacrylate, monomer, stabilized**

Immobile

12.5. Results of PBT and vPvB assessment**General information**

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances

The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods**Disposal recommendations for the product**

EWC waste code 07 01 04* other organic solvents, washing liquids and mother liquors

Must not be disposed together with household garbage.

Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information ***

	Land transport ADR/RID	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
14.1. UN number or ID number	1247	1247	1247
14.2. UN proper shipping name	METHYL METHACRYLATE MONOMER, STABILIZED, Solution	METHYL METHACRYLATE MONOMER, STABILIZED, Solution	METHYL METHACRYLATE MONOMER, STABILIZED, Solution
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	II	II	II
Limited Quantity	1 I	1 I	
Transport category	2		
14.5. Environmental hazards	-		
Tunnel restriction code	D/E		

SECTION 15: Regulatory information ***



Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Date revised: 13.04.2026

Replaces Version: 1 / GB

Print date: 13.04.2026

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Major-accident categories acc. 2012/18/EU**

Category P5c FLAMMABLE LIQUID

VOC

VOC (EU) 99,69 %

Other regulations, restrictions and prohibition regulations

Observe employment restrictions for young people.

Observe employment restrictions for child bearing mothers and nursing mothers.

Restriction according to annex XVII to regulation (EU) No 1907/2006

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 3

Ingredients with restrictions according to Annex XVII Regulation (EU) No. 1907/2006 *****Methyl methacrylate, monomer, stabilized**

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 3

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry No. 40

The product is subject to restrictions according to Annex XVII Regulation (EU) No. 1907/2006: Entry-No. 75

Other information

All components are contained in the TSCA inventory or exempted.

15.2. Chemical safety assessment

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

SECTION 16: Other information**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225	On basis of test data
Skin Irrit. 2	H315	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H335	Calculation method

Hazard statements listed in Chapter 2/3

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.

CLP categories listed in Chapter 2/3

Flam. Liq. 2	Flammable liquid, Category 2
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a



Trade name: Castdon Monomer

Substance number: 1648

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 13.04.2026

Print date: 13.04.2026

guarantee for any specific product properties and shall not establish a legally valid relationship.

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 29.09.2025

Print date: 29.09.2025

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

1.1. Product identifier

Silfix Comp. A

This substance/mixture contains components in nanoform

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

Use of the substance/preparation

Precise embedding material for the complete denture

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH

Max-Planck-Straße 31

DE-59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research & Development: Fax: +49 2303 8807-562

E-mail address of person responsible for this SDS sicherheitsdatenblatt@dreve.com

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Supplemental information

EUH210

Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

3.2. Mixtures

Chemical characterization

Addition-vulcanising 2-component silicone

Hazardous ingredients

Cristobalite

CAS No.	14464-46-1				
EINECS no.	238-455-4				
Concentration	>= 25	<	50	%	
Classification (Regulation (EC) No. 1272/2008)	STOT RE 1		H372		

White mineral oil

CAS No.	8042-47-5				
EINECS no.	232-455-8				
Registration no.	01-2119487078-27				
Concentration	>= 1	<	10	%	
Classification (Regulation (EC) No. 1272/2008)	Asp. Tox. 1		H304		

Further ingredients

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)

CAS No.	68909-20-6				
EINECS no.	272-697-1				
Registration no.	01-2119379499-16				
Concentration	>= 1	<	10	%	
Advice: [7]					
Classification (Regulation (EC) No. 1272/2008)	STOT RE 2		H373		

Name of set of nanoform	Nanoagglomerate			
Particle size distribution	d50 60-300	nm		
Shape and aspect ratio of particles	Method	Transmission Electron Microscopy (TEM)		
	amorphous			
Particle size distribution	Nano particles			
	d50 6-50	nm		
Shape and aspect ratio of particles	Method	Transmission Electron Microscopy (TEM)		
	amorphous			
40 to 350	m ² /g			

Note

[7] Nanoforms

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures required

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 29.09.2025

Print date: 29.09.2025

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)

White mineral oil

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Repeated exposure	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	164,6	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Repeated exposure	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	217,1	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Repeated exposure	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	34,78	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Repeated exposure	

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	93,02	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Repeated exposure	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	25	mg/kg/d

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time.
Wash hands before breaks and after work. Avoid contact with eyes.

Respiratory protection

Not necessary.

Hand protection

Not necessary.

Eye protection

Not necessary.

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid	
Colour	white	
Odour	characteristic	
Melting point		
Remarks	not determined	
Freezing point		
Remarks	not determined	
Boiling point or initial boiling point and boiling range		
Value	> 300	°C
Flammability		
evaluation	not determined	
Upper and lower explosive limits		
Remarks	not determined	
Flash point		
Value	> 130	°C
Method	closed cup	
Auto-ignition temperature		
Remarks	not determined	
Decomposition temperature		

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Remarks not determined

pH value

Remarks not determined

Viscosity

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative density

Value	1,5		g/cm ³
Temperature	20	°C	

Relative vapour density

Remarks not determined

9.2. Other information**Odour threshold**

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks virtually insoluble

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

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

Acute oral toxicity (Components)

White mineral oil

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

Acute dermal toxicity

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

Acute dermal toxicity (Components)

White mineral oil

Species	rabbit	
LD50	> 2000	mg/kg
Method	OECD 402	

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)

White mineral oil

Species	rat	
LC50	> 5,2	mg/l
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Method	OECD 403	

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

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

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Repeated exposure

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

Specific Target Organ Toxicity (STOT) (Components)**Cristobalite****Repeated exposure**evaluation Causes damage to organs through prolonged or repeated exposure
Route of exposure inhalative**Aspiration hazard**

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

Aspiration hazard (Components)**White mineral oil**

Harmful: may cause lung damage if swallowed.

11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

No toxicological data are available.

SECTION 12: Ecological information

12.1. Toxicity**General information**

not determined

Fish toxicity (Components)**White mineral oil**

Species	golden orfe (<i>Leuciscus idus</i>)			
LC50	>	10000		mg/l
Duration of exposure		96	h	
Method	OECD 203			

Daphnia toxicity (Components)**White mineral oil**

Species	Daphnia magna			
LL50	>	100		mg/l
Duration of exposure		48	h	
Method	OECD 202			

White mineral oil

Species	Daphnia magna			
NOEL	>=	1000		mg/l
Duration of exposure		21	d	
Method	OECD 211			

Algae toxicity (Components)**White mineral oil**

Species	Pseudokirchneriella subcapitata			
LOEC	>=	100		mg/l
Duration of exposure		72	h	
Method	OECD 201			

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

12.2. Persistence and degradability

General information

not determined

Biodegradability (Components)

White mineral oil

Value	31	%
Duration of test evaluation	28 d	
Method	Moderately/partially biodegradable OECD 301 F	

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)

White mineral oil

log Pow	4,3	to	18,02
Temperature	20	°C	
Source	ECHA		

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Must not be disposed together with household garbage.

Trade name: Silfix Comp. A

Substance number: 34701

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)		-	-
Label			
14.4. Packing group		-	-

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Other information**

All components are contained in the TSCA inventory or exempted.

15.2. Chemical safety assessment

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

SECTION 16: Other information**Hazard statements listed in Chapter 2/3**

H304 May be fatal if swallowed and enters airways.
H372 Causes damage to organs through prolonged or repeated exposure.

CLP categories listed in Chapter 2/3

Asp. Tox. 1 Aspiration hazard, Category 1
STOT RE 1 Specific target organ toxicity - repeated exposure, Category 1

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 29.09.2025

Print date: 29.09.2025

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

1.1. Product identifier

Silfix Comp. B

This substance/mixture contains components in nanoform

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

Use of the substance/preparation

Precise embedding material for the complete denture

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH

Max-Planck-Straße 31

DE-59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research & Development: Fax: +49 2303 8807-562

E-mail address of person responsible for this SDS sicherheitsdatenblatt@dreve.com

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Supplemental information

EUH210

Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

3.2. Mixtures

Chemical characterization

Addition-vulcanising 2-component silicone

Hazardous ingredients

Cristobalite

CAS No.	14464-46-1				
EINECS no.	238-455-4				
Concentration	>= 25	<	50	%	
Classification (Regulation (EC) No. 1272/2008)	STOT RE 1		H372		

White mineral oil

CAS No.	8042-47-5				
EINECS no.	232-455-8				
Registration no.	01-2119487078-27				
Concentration	>= 1	<	10	%	
Classification (Regulation (EC) No. 1272/2008)	Asp. Tox. 1		H304		

Further ingredients

Silanameine, 1,1,1-trimethyl-N-(trimethylsilyl)

CAS No.	68909-20-6				
EINECS no.	272-697-1				
Registration no.	01-2119379499-16				
Concentration	>= 1	<	10	%	
Advice: [7]					
Classification (Regulation (EC) No. 1272/2008)	STOT RE 2		H373		

Name of set of nanoform	Nanoagglomerate	
Particle size distribution	d50 60-300	nm
Method	Transmission Electron Microscopy (TEM)	
Shape and aspect ratio of particles	amorphous	
Particle size distribution	Nano particles d50 6-50	nm
Method	Transmission Electron Microscopy (TEM)	
Shape and aspect ratio of particles	amorphous	
40 to 350	m ² /g	

Note

[7] Nanoforms

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures required

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 29.09.2025

Print date: 29.09.2025

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)

White mineral oil

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Repeated exposure	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	164,6	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Repeated exposure	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	217,1	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Repeated exposure	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	34,78	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Repeated exposure	

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	93,02	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Repeated exposure	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	25	mg/kg/d

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time.
Wash hands before breaks and after work. Avoid contact with eyes.

Respiratory protection

Not necessary.

Hand protection

Not necessary.

Eye protection

Not necessary.

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid	
Colour	reddish	
Odour	characteristic	
Melting point		
Remarks	not determined	
Freezing point		
Remarks	not determined	
Boiling point or initial boiling point and boiling range		
Value	> 300	°C
Flammability		
evaluation	not determined	
Upper and lower explosive limits		
Remarks	not determined	
Flash point		
Value	> 130	°C
Method	closed cup	
Auto-ignition temperature		
Remarks	not determined	
Decomposition temperature		

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Remarks not determined

pH value

Remarks not determined

Viscosity

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative density

Value	1,5		g/cm ³
Temperature	20	°C	

Relative vapour density

Remarks not determined

9.2. Other information**Odour threshold**

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks virtually insoluble

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

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

Acute oral toxicity (Components)

White mineral oil

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

Acute dermal toxicity

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

Acute dermal toxicity (Components)

White mineral oil

Species	rabbit	
LD50	> 2000	mg/kg
Method	OECD 402	

Acute inhalational toxicity

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

Acute inhalative toxicity (Components)

White mineral oil

Species	rat	
LC50	> 5,2	mg/l
Duration of exposure	4	h
Administration/Form	Dust/Mist	
Method	OECD 403	

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

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

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Repeated exposure

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

Specific Target Organ Toxicity (STOT) (Components)**Cristobalite****Repeated exposure**evaluation Causes damage to organs through prolonged or repeated exposure
Route of exposure inhalative**Aspiration hazard**

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

Aspiration hazard (Components)**White mineral oil**

Harmful: may cause lung damage if swallowed.

11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

No toxicological data are available.

SECTION 12: Ecological information

12.1. Toxicity**General information**

not determined

Fish toxicity (Components)**White mineral oil**

Species	golden orfe (<i>Leuciscus idus</i>)			
LC50	>	10000		mg/l
Duration of exposure		96	h	
Method	OECD 203			

Daphnia toxicity (Components)**White mineral oil**

Species	Daphnia magna			
LL50	>	100		mg/l
Duration of exposure		48	h	
Method	OECD 202			

White mineral oil

Species	Daphnia magna			
NOEL	>=	1000		mg/l
Duration of exposure		21	d	
Method	OECD 211			

Algae toxicity (Components)**White mineral oil**

Species	Pseudokirchneriella subcapitata			
LOEC	>=	100		mg/l
Duration of exposure		72	h	
Method	OECD 201			

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

12.2. Persistence and degradability

General information

not determined

Biodegradability (Components)

White mineral oil

Value	31	%
Duration of test evaluation	28 d	
Method	Moderately/partially biodegradable OECD 301 F	

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)

White mineral oil

log Pow	4,3	to	18,02
Temperature	20	°C	
Source	ECHA		

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances
The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Must not be disposed together with household garbage.

Trade name: Silfix Comp. B

Substance number: 34702

Version: 2 / GB

Date revised: 29.09.2025

Replaces Version: 1 / GB

Print date: 29.09.2025

Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)		-	-
Label			
14.4. Packing group		-	-

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Other information**

All components are contained in the TSCA inventory or exempted.

15.2. Chemical safety assessment

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

SECTION 16: Other information**Hazard statements listed in Chapter 2/3**

H304 May be fatal if swallowed and enters airways.
H372 Causes damage to organs through prolonged or repeated exposure.

CLP categories listed in Chapter 2/3

Asp. Tox. 1 Aspiration hazard, Category 1
STOT RE 1 Specific target organ toxicity - repeated exposure, Category 1

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.