

Printing date 06.03.2023

Version number 6

Revision: 06.03.2023

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

- · 1.1 Product identifier
- · Trade name: Castdon Monomer
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- · Application of the substance / the mixture Plastic for the manufacturing and repair of dentures
- · 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Dreve Dentamid GmbH Max-Planck-Straße 31 59423 Unna / Germany Tel.: +49 2303 / 8807-0 Fax.: +49 2303 / 8807-55
- Further information obtainable from: Department Research & Development Fax: +49 2303 / 8807-562 Email: sicherheitsdatenblatt@dreve.de • 1.4 Emergency telephone number:
- Tel.: +49 211 / 797-3350 Plant Fire Department Henkel

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
 Classification according to Regulation (EC) No 1272/2008



Flam. Liq. 2 H225 Highly flammable liquid and vapour.

GHS07

Skin Irrit. 2H315Causes skin irritation.Skin Sens. 1H317May cause an allergic skin reaction.STOT SE 3H335May cause respiratory irritation.

· 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the CLP regulation. Hazard pictograms



- · Signal word Danger
- Hazard-determining components of labelling: methyl methacrylate
 1,4 Butanediol dimethacrylate

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· Hazard statements

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· nazaro 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.
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.
2.3 Other hazards
 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Liquid based on methacrylate acid ester, containing an activator

· Dangerous compor	nents:	
CAS: 80-62-6	methyl methacrylate	50-100%
EINECS: 201-297-1	Flam. Liq. 2, H225; () Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	
	1,4 Butanediol dimethacrylate	2.5-10%
EINECS: 212-218-1	🚸 Skin Sens. 1, H317	
 Additional information 	tion: For the wording of the listed hazard phrases refer to section 16	5.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

• After skin contact:

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

- · After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Do not induce vomiting.

Call a doctor immediately.

· 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

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(Contd. of page 2) • **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 agents:

CO2, powder or water spray. Fight larger fire with alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture
- No further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment: Wear self-contained respiratory protective device.
- Additional information
- Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Avoid contact with skin and eyes. Ensure adequate ventilation Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.
6.2 Environmental precautions: Do not allow to penetrate the ground/soil. Prevent seepage into sewage system, workpits and cellars. Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up: Send for recovery or disposal in suitable receptacles. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. • 6.4 Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Avoid contact with skin and eyes. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- Information about fire and explosion protection: Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Protect from heat and direct sunlight.

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Trade name: Castdon Monomer

Store between 10 °C and 25°C at a well ventilated place. Store in a cool location.

- · Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

80-62-6 methyl methacrylate

WEL Short-term value: 416 mg/m³, 100 ppm Long-term value: 208 mg/m³, 50 ppm

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

- Personal protective equipment:
- General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection: Not necessary if room is well-ventilated. Do not inhale fumes. Protection of bandor.

Protection of hands:



Protective gloves

Protective gloves should be changed regularly, especially after intensive contact with the product. For every workplace a suitable type of protective gloves must be selected.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Butyl rubber (0,7 mm) EN 374

As there are many different conditions in every day work these indications can only serve as an aid to orientation for the selection of suitable gloves for the handling of chemical products. By no means they can replace qualifying examinations by the end-user.

These recommendations only apply to the product mentioned in the safety data sheet. When mixing with other substances or under conditions deviant from norm EN 374 a manufacturer of CE-approved gloves should be referred to.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and o General Information	
Appearance: Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	-48 °C
Initial boiling point and boiling range	e: 101 °C
Flash point:	10 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	430 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits:	
Lower:	2.1 Vol %
Upper:	12.5 Vol %
Oxidising properties	Not determined
Vapour pressure at 20 °C:	47 hPa
Density at 20 °C:	0.95 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
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 Viscosity: Dvnamic:

Kinematic:

· 9.2 Other information

Not determined. Not determined. No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No dangerous reactions if used according to specifications.
- · 10.2 Chemical stability Stable if used according to specifications.
- Thermal decomposition / conditions to be avoided: Protect from heat and direct sunlight.

No decomposition if used according to specifications.

- 10.3 Possibility of hazardous reactions Danger of polymerisation.
- 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials:

Reacts with peroxides and other radical forming substances.

Reacts with reducing agents.

Reacts with heavy metals.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

Methylmethacrylate: LD-50 oral >5000 mg/kg rat (Lit.)

LD-50 inhalativ 7093 ppm/4h rat (Lit.)

- · Primary irritant effect:
- · Skin corrosion/irritation

Causes skin irritation.

- · Serious eye damage/irritation Low irritant effect
- · Respiratory or skin sensitisation
- May cause an allergic skin reaction.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure
- May cause respiratory irritation.
- 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

· 12.1 Toxicity

• Aquatic toxicity: Fish Toxicity (MMA): LC-50 > 79 mg/I OECD 203 NOEC: 40 mg/I ISO 7346 Exposure: 96 h EEC84 Spezies: 449 V, C1 Oncorhynchus mykiss



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(Contd. of page 6) Bacterial Toxicity: ECO: 100 mg/l Spezies of cells: Pseudomonas putida · 12.2 Persistence and degradability No further relevant information available. · Behaviour in environmental systems: · Components: Methylmethacrylat: Biodegradability: 30,7 % Test Duration: 28 d Method: OECD 301 C Scoring: Not ready degradability • 12.3 Bioaccumulative potential No further relevant information available. · 12.4 Mobility in soil No further relevant information available. · Additional ecological information: · General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. · 12.5 Results of PBT and vPvB assessment • **PBT:** Not applicable. · vPvB: Not applicable. · 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

Waste disposal key: 070104

· Europ	ean waste catalogue
HP 3	Flammable
HP 4	Irritant - skin irritation and eye damage
HP 5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 13	Sensitising

· Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information	ation
· 14.1 UN-Number · ADR, IMDG, IATA	UN1247
 14.2 UN proper shipping name ADR 	1247 METHYLMETHACRYLAT, MONOMER,
· IMDG, IATA	STABILISIERT, Lösung METHYL METHACRYLATE MONOMER, STABILIZED, Solution
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Trade name: Castdon Monomer	
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· 14.3 Transport hazard class(es)	
· ADR, IMDG, IATA	
· Class · Label	3 Flammable liquids. 3
· 14.4 Packing group · ADR, IMDG, IATA	II
 · 14.5 Environmental hazards: · Marine pollutant: 	No
• 14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler): EMS Number:	339 F-E,S-D
· Stowage Category	В
· Stowage Code	SW2 Clear of living quarters.
• 14.7 Transport in bulk according to Annex of Marpol and the IBC Code	II Not applicable.
· Transport/Additional information:	
 ADR Limited quantities (LQ) Excepted quantities (EQ) 	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
 Transport category Tunnel restriction code 	2 D/E
 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1247 METHYL METHACRYLATE MONOMER, STABILIZED, 3, II

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements $5.000\ t$
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t

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Trade name: Castdon Monomer

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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· National regulations:

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· Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

- · Department issuing SDS: Department Research & Development
- · Contact: Dr. Thomas Veit, Lothar Sutor, Susanne Weber

Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO) 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 Harmonised 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 (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids - Category 2 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Skin Sens. 1: Skin sensitisation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 • * Data compared to the previous version altered.

Trade name: Castdon Polymer

Substance number: 1646

Version: 1 / GB Replaces Version: - / GB Date revised: 07.03.2023 Print date: 24.03.2023

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 Otoplastik GmbH Max-Planck-Straße 31 59423 Unna Telephone no. +49 2303 8807-0 Fax no. +49 2303 8807-29 Information provided Department Research & Development: Fax: +49 2303 8807-562 by / telephone E-mail address of sicherheitsdatenblatt@dreve.de person responsible for this SDS

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

EUH208 Contains Methyl methacrylate monomer, stabilized, Dibenzoyl peroxide, May produce an allergic reaction.

Supplemental information

Safety data sheet available on request.

2.3. Other hazards

EUH210

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

Trade name: Castdon Polym	ner				
Substance number: 1646	Version:	1 / GB			Date revised: 07.03.202
	Replace	s Versio	n: -/0	βB	Print date: 24.03.202
Acrylic resin based o	on polymethyl methacrylate				
Hazardous ingredie	nts				
CAS No. EINECS no. Registration no. Concentration	monomer, stabilized 80-62-6 201-297-1 01-2119452498-28 >= 0,1 lation (EC) No. 1272/2008) Flam. Liq. 2 Skin Irrit. 2 Skin Sens. 1 STOT SE 3	< H225 H315 H317 H335	1	%	
Additional remarks: CLP	Regulation (EC) No 1272	0/2008	Annov	VI Noto D	
Dibenzoyl peroxide		2/2000, /	Annex	VI, NOLE D	
CAS No. EINECS no. Registration no. Concentration	>= 0,1 lation (EC) No. 1272/2008)		1	%	
	Org. Perox. B Eye Irrit. 2 Skin Sens. 1	H241 H319 H317			

SECTION 4: First aid measures

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.

Trade name: Castdon Polymer

Substance number: 1646

Version: 1 / GB Replaces Version: - / GB Date revised: 07.03.2023 Print date: 24.03.2023

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.

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.

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

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

rade name: Castdon Polymer		
Substance number: 1646	Version: 1 / GB	Date revised: 07.03.202
	Replaces Version: - / GB	Print date: 24.03.202
Other information		
	h occupational exposure limit values.	
Derived No/Minimal Effect		
Methyl methacrylate monor Reference substance	Methyl methacrylate monomer, stabiliz	zed
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	208	mg/m³
	Methyl methacrylate monomer, stabiliz	zed
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure Mode of action	dermal Systemic effects	
Concentration	13,7	mg/kg/d
		0.0
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure Route of exposure	Short term inhalative	
Concentration	416	mg/m³
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	0,0015	mg/cm ²
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action Concentration	Systemic effects 8,2	mg/kg/d
Conconnation	0,2	
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure Route of exposure	Long term oral	
Mode of action	Systemic effects	
Concentration	8,2	mg/kg/d
	Derived No Effect Level (DNEL)	
Type of value Reference group	Derived No Effect Level (DNEL) Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Concentration	208	mg/m³
Type of yelue	Derived No Effect Level (DNEL)	
Type of value Reference group	Derived No Effect Level (DNEL) Consumer	

Trade name: Castdon Polymer		
Substance number: 1646	Version: 1 / GB	Date revised: 07.03.202
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Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	74,3	mg/m³
Predicted No Effect Conc	entration (PNEC)	
Methyl methacrylate mono		
Reference substance	Methyl methacrylate monomer, stabi	lized
Type of value	PNEC	
Туре	Freshwater	
Concentration	0,94	mg/l
Type of value	PNEC	
Туре	Saltwater	
Concentration	0,094	mg/l
Type of value	PNEC	
Туре	Soil	
Concentration	1,48	mg/kg
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	10,2	mg/kg
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	10	mg/l
Type of value	PNEC	
Туре	Man via the environment	
Concentration	8,2	mg/kg/d
Type of value	PNEC	
Туре	Marine sediment	
Concentration	1,2	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: 1 / GB Replaces Version: - / GB Date revised: 07.03.2023 Print date: 24.03.2023

SECTION 9:	Physical and chemical p	roperties
9.1. Information on basic physic	cal and chemical properties	
Physical state Colour	pink	
Odour	characteristic	
Melting point		
Value	appr. 110	°C
Freezing point	- 1- 1	-
Remarks	not determined	
Boiling point or initial boiling	point and boiling range	
Remarks	not determined	
Flammability		
not determined		
Upper and lower explosive lim	nits	
Remarks	not determined	
Flash point		
Remarks	Not applicable	
Ignition temperature		
Value	> 400	°C
Decomposition temperature		
Remarks	No decomposition if used as prescrib	ed.
pH value		
Remarks	not determined	
Viscosity		
Remarks	not determined	
Solubility(ies)		
Remarks	not determined	
Partition coefficient n-octanol		
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	

Safety data sheet in accordance v	vith regulatio	on (EC) No	1907/2	2006		Dreve
Trade name: Castdon Polymer						
Substance number: 1646	N	/ersion: 1/	GB			Date revised: 07.03.2023
		Replaces Ve				Print date: 24.03.2020
	Γ	teplaces ve		- / GB		Finit date. 24.03.202
Explosive properties						
evaluation	no					
Oxidising properties						
Remarks	not dete	ermined				
Bulk density						
Value		700	to	750	kg/m³	
Other information						
None known						
SE	CTION 10	: Stabili	ity a	nd read	tivity	
10.1. Reactivity No hazardous reactions wh	en stored and	l handled a	accordi	ng to pres	cribed instru	ctions.
10.2. Chemical stability No hazardous reactions kn	own.					
10.3. Possibility of hazardou No hazardous reactions kn		IS				
10.4. Conditions to avoid No hazardous reactions kn	own.					
10.5. Incompatible materials None known	6					
SEC1	TION 11: 1	Foxicol	ogic	al infor	mation	
11.1 Information on hazard	classes as	defined	in Re	aulatio	n (EC) No	1272/2008
Acute oral toxicity				· J · · · · · ·	()	
Remarks	Based on a	available da	ata. the	e classifica	tion criteria a	are not met.
Acute oral toxicity (Comp			,			
Methyl methacrylate mono		d				
Species	rat					
LD50	appr. 79	00			mg/kg	
Dibenzoyl peroxide Species	mouse					
LD0	> 20	00			mg/kg	
Method	OECD 401				0.0	
Acute dermal toxicity						
Remarks	Based on a	available da	ata, the	e classifica	tion criteria a	are not met.
Acute dermal toxicity (Co	mponents)					
Methyl methacrylate mono	mer, stabilize	d				
Species	rabbit					
LD50 Method	> 50 OECD 402				mg/kg	
Method						
Acute inhalational toxicity Remarks		wailabla da	ata th	aclassifier	tion criteria a	are not met
	Dased off a		aid, life		mon chiena a	

rade name: Castdon Polymer				
Substance number: 1646	Versio	n: 1/GB		Date revised: 07.03.202
		ces Version: -/	GB	Print date: 24.03.202
Acute inhalative toxicity	(Components)			
Methyl methacrylate mon	omer, stabilized			
Species	rat			
LC50	29,8	l.	mg/l	
Duration of exposure Administration/Form	4 Manara	h		
	Vapors			
Dibenzoyl peroxide Species	rat (mala)			
LCO	rat (male) 24,03		mg/l	
Duration of exposure	4	h	iiig/i	
Administration/Form	Dust/Mist			
Method	OECD 403			
Skin corrosion/irritation				
Remarks	Based on availa	ble data, the cla	assification criter	ia are not met.
Skin corrosion/irritation				
	• •			
Methyl methacrylate mon Species	Human			
evaluation	irritant			
Serious eye damage/irrit				·
Remarks	Based on availa	Die data, the cla	assification criter	la are not met.
Sensitization				
Remarks	Based on availa	ble data, the cla	assification criter	ia are not met.
Sensitization (Compone	nts)			
Methyl methacrylate mon	omer, stabilized			
Route of exposure	dermal			
Species	mouse			
evaluation	sensitizing			
Method	OECD 429			
Dibenzoyl peroxide				
Route of exposure	dermal			
Species	mouse			
evaluation Method	sensitizing OECD 429			
Subacute, subchronic, c	-			
Remarks	not determined			
Mutagenicity				
Remarks	Based on availa	ble data, the cla	assification criter	ia are not met.
Reproductive toxicity				
Remarks	Based on availa	ble data, the cla	assification criter	ia are not met.
Carcinogenicity				
Remarks	Based on availa	ble data, the cla	assification criter	ia are not met.
Specific Target Organ To				
	, (e : e :)			
Single exposure Remarks	Based on availa	blo data tho da	estification critor	ia are not mot
	Dastu UII avdild		someation chief	ים מוש ווטו ווושו.
Repeated exposure				ia are not met.
Remarks				

Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Castdon Polymer

Substance number: 1646

reve

Version: 1 / GB Replaces Version: - / GB

Date revised: 07.03.2023 Print date: 24.03.2023

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 monome	er, stabilized	
Species	rainbow trout (Oncorhynchus mykiss)	
LC50	> 79 96 h	mg/l
Duration of exposure		
Methyl methacrylate monomore Species	zebra fish (Brachydanio rerio)	
NOEC	9,4	mg/l
Duration of exposure	35 d	3
Method	OECD 210	
Dibenzoyl peroxide		
Species	rainbow trout (Oncorhynchus mykiss)	
LC50 Duration of exposure	0,06 96 h	mg/l
Duration of exposure Method	OECD 203	
Daphnia toxicity (Compone		
Methyl methacrylate monome	er, stabilized	
Species	Daphnia magna	
EC50	69	mg/l
Duration of exposure	48 h	
Methyl methacrylate monom	•	
Species NOEC	Daphnia magna 37	ma/l
Duration of exposure	21 d	mg/l
Method	OECD 211	
Dibenzoyl peroxide		
Species	Daphnia magna	
EC50	0,11	mg/l
Duration of exposure Method	48 h OECD 202	
Dibenzoyl peroxide Species	Daphnia magna	
00000	Daprinia magna	

rade name: Castdon Polymer				
Substance number: 1646	Versio	n: 1/GB		Date revised: 07.03.202
	Replac	ces Version: -/	GB	Print date: 24.03.202
EC10	0,001		mg/l	
Duration of exposure Method	21 OECD 211	d		
Algae toxicity (Compone				
	-			
Methyl methacrylate mon Species	Pseudokirchneri	ella subcapitata		
EC50	> 110	end eddedphala	mg/l	
Duration of exposure	72	h	Ū	
Method	OECD 201			
Dibenzoyl peroxide				
Species	Pseudokirchneri	ella subcapitata		
ErC50 Duration of exposure	0,0711 72	h	mg/l	
Method	OECD 201	11		
Bacteria toxicity (Compo				
Methyl methacrylate mon	-			
Species	activated sludge	9		
NOEC	> 100		mg/l	
Duration of exposure	14	d	-	
Dibenzoyl peroxide				
Species	activated sludge)		
EC50 Duration of exposure	35 30	min	mg/l	
12.2. Persistence and degi	adability			
General information				
not determined				
Biodegradability (Compo	onents)			
Dibenzoyl peroxide				
Value	71		%	
Duration of test	28 Deadily biodear	d adabla (accordin	a to OFCD aritar	ia)
evaluation			g to OECD criter	ia)
Ready degradability (Co	•			
Methyl methacrylate mon Value	omer, stabilized 94		%	
Duration of test	94 14	d	70	
		4		
12.3. Bioaccumulative pote	ential			
General information				
not determined				
Partition coefficient n-oc				
Remarks	not determin			
Octanol/water partition of	oefficient (log Po	w) (Compone	nts)	
Methyl methacrylate mon				
log Pow	1,38			
Temperature Method	20 OECD 107	°C		
Dibenzoyl peroxide				
log Pow	3,2			

Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Castdon Polymer

Substance number:	1646

Version: 1/GB Replaces Version: - / GB

Date revised: 07.03.2023 Print date: 24.03.2023

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 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 envrionment

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 discharge product unmonitored into the environment.

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						
	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA			
14.1. UN 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		-	-			

Trade name: Castdon Polymer

Substance number: 1646

Version: 1 / GB Replaces Version: - / GB Date revised: 07.03.2023 Print date: 24.03.2023

SECTION 15: Regulatory information

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 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.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

CLP categories listed in Chapter 3

-	•
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: Isolat / Isolat film

Substance number: 12600

Version: 1 / GB

Replaces Version: - / GB

Date revised: 23.06.2023 Print date: 23.06.2023

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

1.1. Product identifier

Isolat / Isolat film

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

Use of the substance/preparation

Insulating agent on the basis of alginate

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH Max-Planck-Straße 31 59423 Unna Telephone no. +49 2303 8807-0 Fax no. +49 2303 8807-29 Information provided Department Research & Development: Fax: +49 2303 8807-562 by / telephone E-mail address of sicherheitsdatenblatt@dreve.com person responsible for this SDS

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)

Skin Sens. 1A H317

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



May cause an allergic skin reaction.

Frade name: Isolat / Isolat fil	m			
Substance number: 12600	Vers	ion: 1 / GB		Date revised: 23.06.20
	Repl	aces Version: -	/ GB	Print date: 23.06.20
Precautionary state	mente			
P261	Avoid breathing dust	/fume/gas/mist/v	vapours/spray	<i>.</i>
P272				out of the workplace.
P280 P302+P352	IF ON SKIN: Wash w			tection/face protection.
P333+P313	If skin irritation or ras			/attention
P501.1	Dispose of contents/			
•	ent(s) to be indicated	l on label (Re		•
contains	2-Methyl-2H-isothiaz	ol-3-one		
2.3. Other hazards No special hazards	have to be mentioned.			
		ha product cost		aubotopoon This product do
not contain a substa		disrupting prope	rties with resp	substances. This product does bect to human. The product h respect to non-target
SECTIO	ON 3: Compositio	on/informo	tion on ir	aradiants
		on/iniorma		Igrealents
		on/informa		Igrealents
3.2. Mixtures	nts	on/informa		Igreatents
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No.	nts col-3-one 2682-20-4	Jn/imorma		Igreatents
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no.	nts :ol-3-one 2682-20-4 220-239-6	Jn/imorma		Igreatents
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no.	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50			Igreatents
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration	nts :ol-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015	5 < 0,0		Igredients
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration	nts :ol-3-one 2682-20-4 220-239-6 01-2120764690-50	5 < 0,0		
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1	5 < 0,0 08) H301 H318		
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1	5 < 0,0 08) H301 H318 H400		
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	5 < 0,0 08) H301 H318 H400 H410		
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A	5 < 0,0 08) H301 H318 H400 H410 H317		
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 Ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3	5 < 0,0 08) H301 H318 H400 H410 H317 H311		
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A	5 < 0,0 08) H301 H318 H400 H410 H317		
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008)	01 %	
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2 (Regulation (EC) No. 12 Aquatic Acute 1 H	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008) 400 M =	01 %	
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2 (Regulation (EC) No. 12 Aquatic Acute 1 H	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008)	01 % 10 015 %	
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2 (Regulation (EC) No. 12 Aquatic Acute 1 H Skin Sens. 1A Aquatic Chronic 1	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008) 400 M = 317 >= 0,00	01 % 10 015 %	
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu Concentration limits	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2 (Regulation (EC) No. 12 Aquatic Acute 1 H Skin Sens. 1A Aquatic Chronic 1	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008) 400 M = 317 >= 0,00	01 % 10 015 %	
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu Concentration limits	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2 (Regulation (EC) No. 12 Aquatic Acute 1 H Skin Sens. 1A Aquatic Chronic 1	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008) 400 M = 317 >= 0,00	01 % 10 015 %	
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu Concentration limits	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2 (Regulation (EC) No. 12 Aquatic Acute 1 H Skin Sens. 1A Aquatic Chronic 1 56-81-5	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008) 400 M = 317 >= 0,00	01 % 10 015 %	
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu Concentration limits Further ingredients Glycerol CAS No. EINECS no.	nts :ol-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2 (Regulation (EC) No. 12 Aquatic Acute 1 H Skin Sens. 1A H Aquatic Chronic 1 56-81-5 200-289-5	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008) 400 M = 317 >= 0,00	01 % 10 015 %	
3.2. Mixtures Hazardous ingredie 2-Methyl-2H-isothiaz CAS No. EINECS no. Registration no. Concentration Classification (Regu Concentration limits	nts col-3-one 2682-20-4 220-239-6 01-2120764690-50 >= 0,0015 ilation (EC) No. 1272/200 Acute Tox. 3 Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin Sens. 1A Acute Tox. 3 Skin Corr. 1B Acute Tox. 2 (Regulation (EC) No. 12 Aquatic Acute 1 H Skin Sens. 1A Aquatic Chronic 1 56-81-5	5 < 0,0 08) H301 H318 H400 H410 H317 H311 H314 H330 272/2008) 400 M = 317 >= 0,00	01 % 015 % 1	

Trade name: Isolat / Isolat film

Substance number: 12600

Version: 1 / GB Replaces Version: - / GB

Date revised: 23.06.2023 Print date: 23.06.2023

[3] Substance with occupational exposure limits

SECTION 4: First aid measures

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

Do not induce vomiting. 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

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

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

Safety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Isolat / Isolat film

Substance number: 12600

Version: 1 / GB

Replaces Version: - / GB

Date revised: 23.06.2023 Print date: 23.06.2023

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. 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

Provide good ventilation of working area (local exhaust ventilation if necessary).

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

Exposure limit values

Glycerol

List TRGS 900 Type E Short term exposure limit 200 mg/m³ Maximum limit value: 2(I) Pregnancy group: Y; Status: 05/16; Remarks: DGF

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours.

Hand protection

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

Gloves should be replaced regularly and if there is any sign of damage to the glove material. Appropriate Material nitrile

Hand protection must comply with EN 374.

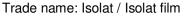
Eye protection

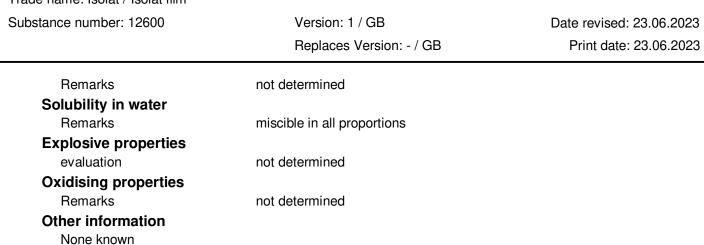
Safety glasses

Trade name: Isolat / Isolat film		
Substance number: 12600	Version: 1 / GB	Date revised: 23.06.202
	Replaces Version: - / GB	Print date: 23.06.202
Body protection		
Clothing as usual in the c	hemical industry.	
SECTIO	ON 9: Physical and chemical prop	perties
9.1. Information on basic p	physical and chemical properties	
Physical state	liquid	
Colour	reddish	
Odour	characteristic	
Melting point	not dotormined	
Remarks	not determined	
Freezing point Remarks	not determined	
Value	biling point and boiling range 100 °C	
Flammability	100 0	
evaluation	not determined	
Upper and lower explosi		
Remarks	not determined	
Flash point		
Remarks	Not applicable	
Ignition temperature		
Remarks	not determined	
Decomposition tempera	ture	
Remarks	not determined	
pH value		
Remarks	not determined	
Viscosity		
Remarks	not determined	
Solubility(ies)		
Remarks	not determined	
Partition coefficient n-oc	ctanol/water (log value)	
Remarks	not determined	
Vapour pressure		
Remarks	not determined	
Density and/or relative d	lensity	
Value		Cm ³
Temperature	20 °C	
Relative vapour density Remarks	not determined	
	not determined	
9.2. Other information		
Odour threshold		
Remarks	not determined	
Evaporation rate (ether :	= 1) :	

Γ

Safety data sheet in accordance with regulation (EC) No 1907/2006





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			Ū	
ATE		991,632 4		mg/kg
Method	calcula	ated value (Regulat	tion (EC) No	o. 1272/2008)
Acute oral toxicity (Compo	nents)			
2-Methyl-2H-isothiazol-3-one	•			
Species LD50	rat (ma	ale) 232	249	mg/kg
2-Methyl-2H-isothiazol-3-one				
Species LD50	rat (fer	nale) 120		mg/kg
Glycerol				
Species LD50	rat	12,6		g/kg
Acute dermal toxicity				
ATE		787,009 8		mg/kg
Method	calcula	ated value (Regulat	tion (EC) No	o. 1272/2008)

rade name: Isolat / Isolat film				
ubstance number: 12600		Vorci	on: 1 / GB	Date revised: 23.06.202
ubstance number. 12600				
		Керіа	aces Version: - / GB	Print date: 23.06.202
Acute dermal toxicity (Co	mponen	ts)		
2-Methyl-2H-isothiazol-3-o	-	,		
Species	rat			
LD50	0500	242	mg/kg	1
Method	OECD	402		
Glycerol	rabbit			
Species LD50		10	g/kg	
Acute inhalational toxicit	-	10	9,119	
Remarks		on avail	able data, the classification cr	iteria are not met.
Acute inhalative toxicity				
-	•	icint(5)		
2-Methyl-2H-isothiazol-3-o Species	ne rat			
LC50	Tai	0,34	mg/m ⁴	3
Duration of exposure		4	h	
Administration/Form	Dust/N			
Method	OECD	403		
Skin corrosion/irritation				
Remarks	Based	on avail	able data, the classification cr	iteria are not met.
Skin corrosion/irritation (Compon	ents)		
2-Methyl-2H-isothiazol-3-o	ne			
Species	rabbit			
evaluation	corrosi			
Method	OECD	404		
Serious eye damage/irrita				
Remarks			able data, the classification cr	iteria are not met.
Serious eye damage/irrita	ation (Co	mpone	nts)	
2-Methyl-2H-isothiazol-3-o				
Species	rabbit			
evaluation	corrosi	ve		
Sensitization				
evaluation			sitization by skin contact.	
Remarks		assincati	on criteria are met.	
Sensitization (Componen	-			
2-Methyl-2H-isothiazol-3-o				
Species evaluation	mouse sensiti			
Method	OECD			
Subacute, subchronic, cl				
Remarks		termined		
Mutagenicity				
Remarks	Raead	on avail	able data, the classification cr	iteria are not met
	Duseu	Jinavali		itena are not met.
Reproductive toxicity Remarks	Road		able data, the eleccification or	itoria aro not mot
	Dased	on avall	able data, the classification cr	תבוות מוש ווטו ווושו.
Carcinogenicity Remarks	Based			

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Trade name: Isolat / Isolat film

Substance number: 12600



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Single exposure Remarks

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

Repeated exposure Remarks

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

Aspiration hazard

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

11.2 Information on other hazards

Endocrine disrupting properties 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)

2-Methyl-2H-isothiazol-3-one Species LC50 Duration of exposure Method	rainbov OECD	4,77 96	orhynchus mykiss) h	mg/l
2-Methyl-2H-isothiazol-3-one				
Species NOEC	rainbov	v trout (Onc 4,93	orhynchus mykiss)	mg/l
Glycerol				
Species	rainbov	v trout (Onc	orhynchus mykiss)	
LC50	>	50000		mg/l
Duration of exposure		96	h	
Daphnia toxicity (Compone	nts)			
2-Methyl-2H-isothiazol-3-one				
Species	Daphni	a magna		
LC50		0,934		mg/l
Duration of exposure		48	h	
Method	OECD	202		
2-Methyl-2H-isothiazol-3-one				
Species	Daphni	a magna		
NOEC		0,044 21	d	mg/l
Duration of exposure Method	OECD		u	
	OLOD	<u> </u>		
Glycerol Species	Danhni	a magna		
EC50	> Dapini	10		g/l
Duration of exposure	-	24	h	9/1
Algae toxicity (Components	:)			
Aigue toxicity (components	•)			

Frade name: Isolat / Isolat film			
Substance number: 12600	Version: 1 / GB		Date revised: 23.06.2023
	Replaces Version	n' - / GR	Print date: 23.06.2023
2-Methyl-2H-isothiazol-3-c			
Species EC50	Pseudokirchneriella subca		
Duration of exposure	0,103 72 h	mg/l	
Method	OECD 201		
Bacteria toxicity (Compo	nents)		
2-Methyl-2H-isothiazol-3-c			
Species EC50	activated sludge 41	mg/l	
Duration of exposure	3 h		
Method	OECD 209		
Glycerol Species	Pseudomonas putida		
EC50	> 10	g/l	
Duration of exposure	16 h	-	
12.2. Persistence and degr	adability		
General information			
not determined			
Biodegradability (Compo	-		
2-Methyl-2H-isothiazol-3-c		0/	
Value Duration of test	50 29 d	%	
evaluation	not readily degradable		
Ready degradability (Cor	nponents)		
Glycerol	0.4	24	
Value Duration of test	94 24 h	%	
12.3. Bioaccumulative pote			
General information			
not determined			
Partition coefficient n-oc	tanol/water (log value)		
Remarks	not determined		
Octanol/water partition c	oefficient (log Pow) (Com	ponents)	
2-Methyl-2H-isothiazol-3-c			
pOW	<= 0,32		
Glycerol log Pow	-2,6		
Bioconcentration factor			
2-Methyl-2H-isothiazol-3-c	· · · ·		
BCF	3,16		
Source	calculated value		
12.4. Mobility in soil			
General information			
not determined			
12.5. Results of PBT and v	DVD accoment		

Trade name: Isolat / Isolat film

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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 envrionment

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

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

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	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

Frade name: Isolat / Isolat film					
Substance number: 12600	Version: 1 / GB	Date revised: 23.06.2023			
	Replaces Version: - / GB	Print date: 23.06.2023			
15.2. Chemical safety as	sessment				
	nemical safety assessment has not been ca	arried out.			
	SECTION 16: Other informa	tion			
Classification and pro-	edure used to derive the classification	on for mixtures according to			
Regulation (EC) 1272/2					
Classification (Regulati		Coloulation mathed			
	Skin Sens. 1A H317	Calculation method			
Hazard statements list	Toxic if swallowed.				
H301 H311	Toxic in swallowed. Toxic in contact with skin.				
H314	Causes severe skin burns and eye d	amage			
H317	May cause an allergic skin reaction.				
H318	Causes serious eye damage.				
H330	Fatal if inhaled.				
H400	Very toxic to aquatic life.				
H410	Very toxic to aquatic life with long las	sting effects.			
CLP categories listed i	n Chapter 2/3				
Acute Tox. 2	Acute toxicity, Category 2				
Acute Tox. 3	Acute toxicity, Category 3				
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1				
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1				
Eye Dam. 1	Serious eye damage, Category 1				
Skin Corr. 1B	Skin corrosion, Category 1B				
Skin Sens. 1A	Skin sensitization, Category 1A				
Supplemental information					
This information is base	bared with the previous version of the safety d on our present state of knowledge. Howe fic product properties and shall not establis	ever, it should not constitute a			
guarantee for any spec					

Trade name: Siliform Comp. A

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

1.1. Product identifier

Siliform Comp. A

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

Use of the substance/preparation

Addition-vulcanising silicone material for the embedding into the denture pouring technique

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH Max-Planck-Straße 31 59423 Unna Telephone no. +49 2303 8807-0 Fax no. +49 2303 8807-29 Information provided Department Research & Development: Fax: +49 2303 8807-562 by / telephone E-mail address of sicherheitsdatenblatt@dreve.com person responsible for this SDS

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

3.2. Mixtures

	vith regulation (EC)				
Frade name: Siliform Comp. A	Manajara				
Substance number: 18401		Version: 1 / GB			Date revised: 04.07.2023
	Replace	Replaces Version: - / GB			Print date: 04.07.20
Chemical characterization					
Addition-vulcanising 2-com	ponent silicone				
Hazardous ingredients					
Cristobalite CAS No. 144	64-46-1				
EINECS no. 238	-455-4				
Concentration	>= 25	<	50	%	
Classification (Regulation (STC	DT RE 1	H372			
White mineral oil	0.47.5				
	-2-47-5 -455-8				
	2119487078-27				
Concentration	>= 10	<	25	%	
Classification (Regulation (Asp	EC) No. 1272/2008) . Tox. 1	H304			
	oalkanes, cyclics, < I-114-2 2119459347-30	2% aro	matics		
Concentration	>= 1	<	10	%	
			10		
Classification (Regulation (EC) No. 1272/2008) . Tox. 1	H304			
Classification (Regulation (Asp		H304		sures	
Classification (Regulation (Asp	ECTION 4: Fi	H304		sures	
Classification (Regulation (Asp 4.1. Description of first aid General information	ECTION 4: Fi	H304		sures	
Classification (Regulation (Asp S 4.1. Description of first aid	ECTION 4: Fi	H304		sures	
Classification (Regulation (Asp 4.1. Description of first aid r General information No special measures requi	ECTION 4: Fine measures	H304	Imeas		
Classification (Regulation (Asp 4.1. Description of first aid r General information No special measures requi After inhalation	ECTION 4: Fine measures	H304	Imeas		
Classification (Regulation (Asp 4.1. Description of first aid r General information No special measures requi After inhalation Ensure supply of fresh air.	ECTION 4: File measures red In the event of symp	H304	I meas e medica	al treatment.	irritation persists.
Classification (Regulation (Asp 4.1. Description of first aid r General information No special measures requi After inhalation Ensure supply of fresh air. After skin contact	ECTION 4: Fine measures red In the event of symp wash off with warm	H304 rst aic coms tak	e medica	al treatment. doctor if skin	·
Classification (Regulation (Asp 4.1. Description of first aid r General information No special measures requi After inhalation Ensure supply of fresh air. After skin contact In case of contact with skin After eye contact	ECTION 4: Fine measures red In the event of symp wash off with warm	H304 rst aic coms tak	e medica	al treatment. doctor if skin	·
Classification (Regulation (Asp 4.1. Description of first aid r General information No special measures requi After inhalation Ensure supply of fresh air. After skin contact In case of contact with skin After eye contact Separate eyelids, wash the	ECTION 4: Fine measures red In the event of symp wash off with warm eyes thoroughly with	H304 rst aid coms tak water. C	e medica consult a 15 min.).	al treatment. doctor if skin . In case of ir	·
Classification (Regulation (Asp 4.1. Description of first aid r General information No special measures requi After inhalation Ensure supply of fresh air. After skin contact In case of contact with skin After eye contact Separate eyelids, wash the After ingestion	ECTION 4: File measures red In the event of symp wash off with warm eyes thoroughly with spiration hazard. Sun ctive measures with	H304 rst aid toms tak water. C n water (nmon a c	e medica consult a 15 min.).	al treatment. doctor if skin . In case of ir mediately.	·
Classification (Regulation (Asp 4.1. Description of first aid n General information No special measures requi After inhalation Ensure supply of fresh air. After skin contact In case of contact with skin After eye contact Separate eyelids, wash the After ingestion Do not induce vomiting - as Adhere to personal protect	ECTION 4: Fi measures red In the event of symp wash off with warm eyes thoroughly with spiration hazard. Sun ctive measures with self-protection! ms and effects,	H304 Test aid toms tak water. C h water (h water (h mon a (hen giv	e medica consult a 15 min.). doctor im ing firsi	al treatment. doctor if skin . In case of ir mediately. t aid	ritation consult an oculist.
Classification (Regulation (Asp 4.1. Description of first aid f General information No special measures requi After inhalation Ensure supply of fresh air. After skin contact In case of contact with skin After eye contact Separate eyelids, wash the After ingestion Do not induce vomiting - as Adhere to personal protect First aider: Pay attention to 4.2. Most important sympto Until now no symptoms know	ECTION 4: File measures red In the event of symp wash off with warm eyes thoroughly with spiration hazard. Sun ctive measures with self-protection! ms and effects, own so far.	H304 Test aid toms tak water. C h water (h water (h mon a (hen giv both a	e medica consult a 15 min.). doctor im ing first cute ar	al treatment. doctor if skin . In case of ir mediately. t aid nd delayed	ritation consult an oculist.
Classification (Regulation (Asp 4.1. Description of first aid r General information No special measures requi After inhalation Ensure supply of fresh air. After skin contact In case of contact with skin After eye contact Separate eyelids, wash the After ingestion Do not induce vomiting - as Adhere to personal proteo First aider: Pay attention to 4.2. Most important sympto	ECTION 4: Fil measures red In the event of symp wash off with warm eyes thoroughly with spiration hazard. Sun ctive measures wh self-protection! ms and effects, own so far. diate medical att	H304 Test aid toms tak water. C h water (h water (h mon a (hen giv both a	e medica consult a 15 min.). doctor im ing first cute ar	al treatment. doctor if skin . In case of ir mediately. t aid nd delayed	ritation consult an oculist.

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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

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.

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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

Exposure limit values

White mineral oil		_						
List	TRGS 900							
Туре	AGW							
A Value	5	mg/m³						
Short term exposure limit	20	mg/m ³						
			Remarks: DGF					
Maximum limit value: 4(II) Pregnancy group: Y; Status: Sept 2015; Remarks: DGF Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics								
List TRGS 900								
Туре	AGW							
Value	300	mg/m³						
Short term exposure limit	600	mg/m ³						
Other information								
Contains no substances with occupational exposure limit values.								
Derived No/Minimal Effect Levels (DNEL/DMEL)								
White mineral oil								
Type of value	Derived N	lo Effect Level (DNEL)						
Reference group	Worker	· · · · ·						
Duration of exposure	Duration of exposure Repeated expo							
Route of exposure	inhalative							
Mode of action	Systemic		···· · /··· · 2					
Concentration	16	64,6	mg/m³					
Type of value	Derived N	lo Effect Level (DNEL)						
Reference group	Worker	, , , , , , , , , , , , , , , , , , ,						
Duration of exposure	Repeated	exposure						
Route of exposure	dermal							
Mode of action	Systemic							
Concentration	2	17,1	mg/kg/d					
Type of value	Derived N	lo Effect Level (DNEL)						
Reference group	Consume	· · · · · · · · · · · · · · · · · · ·						
Duration of exposure	Repeated	exposure						
Route of exposure	inhalative							
Mode of action	Systemic							
Concentration	34	4,78	mg/m³					
Type of value	Derived N	lo Effect Level (DNEL)						
Reference group	Consumer							
Duration of exposure	Repeated exposure							
Route of exposure	dermal							
Mode of action	Systemic	ettects						

Safety data sheet in accordance with regulation (EC) No 1907/2006 Trade name: Siliform Comp. A Substance number: 18401 Version: 1 / GB Date revised: 04.07.2023 Replaces Version: - / GB Print date: 04.07.2023 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 °С Value 300 Flammability not determined evaluation Upper and lower explosive limits Remarks not determined Flash point Value 130 °C > Method closed cup Ignition temperature Remarks not determined **Decomposition temperature** Remarks not determined pH value

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Substance number: 18401	Version: 1	/ GB		Date revised: 04.07.202
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Remarks	not determined			
Viscosity				
Remarks	not determined			
Solubility(ies)				
Remarks	not determined			
Partition coefficient n-octar	ol/water (log valu	e)		
Remarks	not determined			
Vapour pressure				
Remarks	not determined			
Density and/or relative dense	sity			
Value	1,2		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	9		
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

No hazardous decomposition products known.

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ostance number: 18401		Version:			Date revised: 04.07.202
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SECT	ION 1	1: Toxic	ological info	rmation	
.1 Information on hazard	classes	as define	ed in Regulation	on (EC) No 1	272/2008
Acute oral toxicity					
Remarks	Based	on available	e data, the classific	cation criteria a	re not met.
Acute oral toxicity (Compo	onents)				
White mineral oil					
Species LD50	rat	5000		ma/ka	
Method	> OECD	5000 401		mg/kg	
Hydrocarbons, C14-C19, iso		-	2% aromatics		
Species	rat	-			
LD50 Mathad	>	5000		mg/kg	
Method Remarks	OECD Test co		th a similar formula	ation.	
Acute dermal toxicity					
Remarks	Based	on available	e data, the classific	cation criteria a	re not met.
Acute dermal toxicity (Cor					
White mineral oil		,			
Species	rabbit				
LD50	>	2000		mg/kg	
Method	OECD				
Hydrocarbons, C14-C19, iso Species	p alkanes , rabbit	, cyclics, <	2% aromatics		
LD50	>	3160		mg/kg	
Method	OECD	402		0 0	
Acute inhalational toxicity	,				
Remarks	Based	on available	e data, the classific	cation criteria a	re not met.
Acute inhalative toxicity (Compon	ents)			
White mineral oil					
Species	rat	_		4	
LC50 Duration of exposure	>	5 4	h	mg/l	
Administration/Form	Dust/M	-			
Method	OECD				
Hydrocarbons, C14-C19, iso		, cyclics, <	2% aromatics		
Species	rat	FOCO		m a / 3	
LC50 Duration of exposure	>	5266 4	h	mg/m³	
Administration/Form	Dust/M	-			
Method	OECD				
Skin corrosion/irritation					
Remarks	Based	on available	e data, the classific	cation criteria a	re not met.
Serious eye damage/irritat	tion				
Remarks	Based	on available	e data, the classific	cation criteria a	re not met.
Sensitization					
Remarks	Based	on available	e data, the classific	cation criteria a	re not met.

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Remarks	not determined	
Mutagenicity Remarks	Based on available data, the classification of	riteria are not met.
Reproductive toxicity Remarks	Based on available data, the classification of	
Carcinogenicity Remarks		
Specific Target Organ To	Based on available data, the classification c oxicity (STOT)	intena are not met.
Single exposure Remarks	Based on available data, the classification c	riteria are not met.
Repeated exposure Remarks	Based on available data, the classification of	riteria are not met.
Specific Target Organ To Cristobalite	oxicity (STOT) (Components)	
Repeated exposure evaluation	Causes damage to organs through prolonge Route of exposure inhalative	ed or repeated exposure
Aspiration hazard Based on available data,	the classification criteria are not met.	
Aspiration hazard (Comp	ponents)	
White mineral oil Harmful: may cause lung Hydrocarbons, C14-C19, i Harmful: may cause lung	soalkanes, cyclics, <2% aromatics	
11.2 Information on other I	5	
	operties with respect to humans tain a substance that has endocrine disrupting p	properties with respect to
No toxicological data are	available.	
SE	CTION 12: Ecological information	on
12.1. Toxicity		
General information not determined		
Fish toxicity (Componen	ts)	
White mineral oil Species LC50	golden orfe (Leuciscus idus) > 10000 mg/l	
Duration of exposure Method	96 h OECD 203	
	soalkanes, cyclics, <2% aromatics rainbow trout (Oncorhynchus mykiss)	

rade name: Siliform Comp. A		
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		1 mil dale. 04.07.202
Duration of exposure Remarks	28 d The details of the toxic effect relate to th	ne nominal concentration.
Daphnia toxicity (Compor	nents)	
White mineral oil		
Species	Daphnia magna	4
LL50 Duration of exposure	> 100 n 48 h	ng/l
Method	OECD 202	
White mineral oil		
Species	Daphnia magna	
NOEC		ng/l
Duration of exposure Method	21 d OECD 211	
	oalkanes, cyclics, <2% aromatics	
Species	Acartia tonsa	
LL50	> 3193 n	ng/l
Duration of exposure	48 h	
Remarks	The details of the toxic effect relate to th	ne nominal concentration.
Hydrocarbons, C14-C19, is Species	oalkanes, cyclics, <2% aromatics	
NOELR	Daphnia magna 5 n	ng/l
Duration of exposure	21 d	
Remarks	The details of the toxic effect relate to the	ne nominal concentration.
Algae toxicity (Componer	nts)	
White mineral oil		
Species	Pseudokirchneriella subcapitata	
LOEC Duration of exposure	>= 100 n 72 h	ng/l
Method	OECD 201	
	oalkanes, cyclics, <2% aromatics	
Species	Skeletonema costatum	
EL50		ng/l
Duration of exposure Remarks	72 h The details of the toxic effect relate to th	e nominal concentration
Bacteria toxicity (Compor		
	•	
Species	oalkanes, cyclics, <2% aromatics activated sludge	
EC50	5	ng/l
Duration of exposure	3 h	5
Method	OECD 209	
2.2. Persistence and degra	adability	
General information		
not determined		
Biodegradability (Compo	nents)	
White mineral oil		
Value	31 %	6
Duration of test	28 d	
evaluation	biodegradable	
	oalkanes, cyclics, <2% aromatics	/

Safety data sheet in accordance		, ,			
Trade name: Siliform Comp. A					
Substance number: 18401		Version:			Date revised: 04.07.20
		Replaces	s Version	n: - / GB	Print date: 04.07.20
evaluation	Readily	biodegrada	able (acc	ording to OECD	criteria)
12.3. Bioaccumulative pote	ential				
General information					
not determined					
Partition coefficient n-oc			ue)		
Remarks		etermined	(0		
Octanol/water partition c	oemicient (log Pow)	(Comp	onents)	
White mineral oil log Pow	<=	4,3	to	18.2	
Temperature		20	°C	10.2	
Source		lated value	-		
Hydrocarbons, C14-C19, is log Pow	soalkanes, o	cyclics, <2 5,22	2% arom to	atics 9,67	
Temperature		20	°C	9,07	
12.4. Mobility in soil					
General information					
not determined					
12.5. Results of PBT and v	PvB asses	ssment			
General information					
not determined					
Results of PBT and vPvE	assessme	ent			
The product contains no F The product contains no v					
12.6 Endocrine disrupting	properties	6			
Endocrine disrupting pro	perties wit	th respec	t to the	envrionment	
The product does not contact target organisms.	ain a substa	nce that h	as endoc	crine disrupting p	roperties with respect to non-
12.7. Other adverse effects	i				
General information					
not determined					
General information / eco	•••				
Do not allow to enter soil,	waterways o	r waste wa	ater cana	al. Avoid release	into the atmosphere.
SEC	TION 13	: Dispo	osal c	onsideratio	ns
13.1. Waste treatment mether	nods				
Disposal recommendation		-			
Must not be disposed toge Dispose of waste accordir					
Dispose of waste accordin Disposal recommendatio	• • •	-	.011.		
		~g…g			
-	cleaned sho	uld be dis	osed off	f in agreement w	ith the regional waste disposal

Trade name: Siliform Comp. A

Substance number: 18401

Version: 1 / GB

Replaces Version: - / GB

Date revised: 04.07.2023

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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: Reg	ulatory information				

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

CI D actor avian lint	ad in Chanter 0/2
H372	Causes damage to organs through prolonged or repeated exposure.
H304	May be fatal if swallowed and enters airways.

CLP categories listed in Chapter 2/3

Asp. Tox. 1 STOT RE 1 Aspiration hazard, Category 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: Siliform Comp. B

Substance number: 18402

Version: 1 / GB Replaces Version: - / GB Date revised: 04.07.2023 Print date: 04.07.2023

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

1.1. Product identifier

Siliform Comp. B

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

Use of the substance/preparation

Addition-vulcanising silicone material for the embedding into the denture pouring technique

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Dentamid GmbH Max-Planck-Straße 31 59423 Unna Telephone no. +49 2303 8807-0 Fax no. +49 2303 8807-29 Information provided Department Research & Development: Fax: +49 2303 8807-562 by / telephone E-mail address of sicherheitsdatenblatt@dreve.com person responsible for this SDS

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

3.2. Mixtures

Trade name: Siliform Comp. B					
Substance number: 18402	Version	1 / GB			Date revised: 04.07.20
	Replace	s Versio	on: - / GE	3	Print date: 04.07.20
Chemical characterization					
Addition-vulcanising 2-compo	nent silicone				
Hazardous ingredients					
Cristobalite					
CAS No. 14464	-				
EINECS no. 238-4 Concentration	55-4 >= 25	<	50	%	
Classification (Regulation (EC	-		50	70	
STOT	RE 1	H372			
White mineral oil					
CAS No. 8042-4					
EINECS no. 232-4 Registration no. 01-21	19487078-27				
Concentration	>= 10	<	25	%	
Classification (Regulation (EC Asp. T		H304			
	0. 1	11004			
Hydrocarbons, C14-C19, isoa	· · ·	2% aro	matics		
EINECS no. 920-1 Registration no. 01-21	14-2 19459347-30				
Concentration	>= 1	<	10	%	
Classification (Regulation (EC	, ,	1.100.4			
Asp. T	OX. I	H304			
SE	CTION 4: Fi	rst aic	l mea	sures	
		rst aic	l mea	sures	
4.1. Description of first aid me		rst aid	l mea	sures	
4.1. Description of first aid me General information	easures	rst aid	l mea	sures	
4.1. Description of first aid me	easures	rst aid	l meas	sures	
4.1. Description of first aid me General information No special measures required	easures				
4.1. Description of first aid me General information No special measures required After inhalation	easures				
4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In	easures	oms tak	e medica	al treatment.	irritation persists.
4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact	easures	oms tak	e medica	al treatment.	irritation persists.
4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact In case of contact with skin w After eye contact Separate eyelids, wash the eye	easures I the event of sympl ash off with warm	oms tak water. C	e medica consult a	al treatment. doctor if skir	
4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact In case of contact with skin w After eye contact Separate eyelids, wash the ey After ingestion	easures the event of sympt ash off with warm yes thoroughly with	oms tak water. C n water (e medica consult a [15 min.)	al treatment. doctor if skir . In case of ir	
 4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact	easures the event of sympt ash off with warm yes thoroughly with ration hazard. Sum	oms tak water. C n water (nmon a c	e medica consult a 15 min.) doctor im	al treatment. doctor if skir . In case of in nmediately.	
4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact In case of contact with skin w After eye contact Separate eyelids, wash the ey After ingestion Do not induce vomiting - aspin Adhere to personal protecti	easures the event of sympt ash off with warm yes thoroughly with ration hazard. Sum ve measures wi	oms tak water. C n water (nmon a c	e medica consult a 15 min.) doctor im	al treatment. doctor if skir . In case of in nmediately.	
 4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact In case of contact with skin w After eye contact Separate eyelids, wash the eye After ingestion Do not induce vomiting - aspin Adhere to personal protectin First aider: Pay attention to set 	easures the event of sympl ash off with warm yes thoroughly with ration hazard. Sum ve measures wh elf-protection!	coms tak water. C n water (nmon a (nen giv	e medica consult a (15 min.) doctor im ing firs :	al treatment. doctor if skir . In case of in mediately. t aid	ritation consult an oculist.
 4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact In case of contact with skin w After eye contact Separate eyelids, wash the ey After ingestion Do not induce vomiting - aspin Adhere to personal protectin First aider: Pay attention to se 	easures the event of sympl ash off with warm yes thoroughly with ration hazard. Sum ye measures with elf-protection! s and effects,	coms tak water. C n water (nmon a (nen giv	e medica consult a (15 min.) doctor im ing firs :	al treatment. doctor if skir . In case of in mediately. t aid	ritation consult an oculist.
 4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact In case of contact with skin w After eye contact Separate eyelids, wash the ey After ingestion Do not induce vomiting - aspin Adhere to personal protection First aider: Pay attention to set 4.2. Most important symptom 	easures the event of sympton ash off with warm ves thoroughly with ration hazard. Sum ve measures whe elf-protection! s and effects, n so far.	coms tak water. C n water (nmon a (nen giv both a	e medica consult a (15 min.) doctor im ing firs cute ar	al treatment. doctor if skir . In case of in mediately. t aid nd delayed	ritation consult an oculist.
 4.1. Description of first aid me General information No special measures required After inhalation Ensure supply of fresh air. In After skin contact In case of contact with skin w After eye contact Separate eyelids, wash the ey After ingestion Do not induce vomiting - aspin Adhere to personal protectin First aider: Pay attention to set 4.2. Most important symptom Until now no symptoms know 	easures the event of sympton ash off with warm ves thoroughly with ration hazard. Sum ve measures whe elf-protection! s and effects, n so far. ate medical att rards	oms tak water. C n water (nmon a o nen giv both a ention	e medica consult a (15 min.) doctor im ing firs cute ar and s	al treatment. doctor if skir . In case of in mediately. t aid nd delayed pecial trea	ritation consult an oculist.

Trade name: Siliform Comp. B

Substance number: 18402

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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

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.

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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

Exposure limit values

White mineral oil		_	
List	TRGS 900)	
Туре	AGW		
A Value	5	mg/m³	
Short term exposure limit	20	mg/m ³	
Maximum limit value: 4(II) Preg			Remarks: DGF
Hydrocarbons, C14-C19, isoalka			
List	TRGS 900		
Туре	AGW		
Value	300	mg/m³	
Short term exposure limit	600	mg/m³	
Other information			
Contains no substances with oc	cupational	exposure limit values.	
Derived No/Minimal Effect Lev	vels (DNE	L/DMEL)	
White mineral oil			
Type of value	Derived N	o Effect Level (DNEL)	
Reference group	Worker		
Duration of exposure	Repeated	exposure	
Route of exposure	inhalative	<i></i>	
Mode of action	Systemic		m a /m 3
Concentration		64,6	mg/m³
Type of value	Derived N	o Effect Level (DNEL)	
Reference group	Worker		
Duration of exposure	Repeated	exposure	
Route of exposure	dermal		
Mode of action	Systemic		ma a // ca / d
Concentration	2	17,1	mg/kg/d
Type of value	Derived N	o Effect Level (DNEL)	
Reference group	Consume		
Duration of exposure	Repeated	exposure	
Route of exposure	inhalative	<i></i>	
Mode of action	Systemic		
Concentration	34	4,78	mg/m³
Type of value	Derived N	o Effect Level (DNEL)	
Reference group	Consume	. ,	
Duration of exposure	Repeated	exposure	
Route of exposure	dermal	<i></i>	
Mode of action	Systemic	effects	

Safety data sheet in accordance with regulation (EC) No 1907/2006 Trade name: Siliform Comp. B Substance number: 18402 Version: 1 / GB Date revised: 04.07.2023 Replaces Version: - / GB Print date: 04.07.2023 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 yellowish Odour characteristic Melting point Remarks not determined **Freezing point** Remarks not determined Boiling point or initial boiling point and boiling range °С Value 300 Flammability not determined evaluation Upper and lower explosive limits Remarks not determined Flash point Value 130 °C > Method closed cup Ignition temperature Remarks not determined **Decomposition temperature** Remarks not determined pH value

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Remarks	not determined			
Viscosity				
Remarks	not determined			
Solubility(ies)				
Remarks	not determined			
Partition coefficient n-octand	ol/water (log valu	e)		
Remarks	not determined			
Vapour pressure				
Remarks	not determined			
Density and/or relative densi	ty			
Value	1,2		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	9		
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

No hazardous decomposition products known.

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		Renlaces	Version: - / GB	Print date: 04.07.2023
		riepideet		1 Hint date: 04.07.2020
SEC ⁻	TION 1	1: Toxic	ological inform	ation
1.1 Information on hazard	classes	as define	ed in Regulation (EC) No 1272/2008
Acute oral toxicity				
Remarks	Based	on available	e data, the classificatio	n criteria are not met.
Acute oral toxicity (Comp				
White mineral oil	ononic)			
Species	rat			
LD50	>	5000	m	g/kg
Method	OECD	401		5 5
Hydrocarbons, C14-C19, is	oalkanes	, cyclics, <2	2% aromatics	
Species	rat	-		
LD50	>	5000	m	g/kg
Method Remarks	OECD		h a similar formulatior	
Acute dermal toxicity Remarks	Pacad	on available	e data, the classificatio	n critoria aro not mot
			uala, ine ciassificallo	ni Gilena are nul mel.
Acute dermal toxicity (Co	mponen	15)		
White mineral oil				
Species LD50	rabbit	2000	m	a/ka
Method	> OECD		111	g/kg
Hydrocarbons, C14-C19, is			2% aromatics	
Species	rabbit	, . , ,		
LD50	>	3160	m	g/kg
Method	OECD	402		
Acute inhalational toxicity	y			
Remarks	Based	on available	e data, the classification	n criteria are not met.
Acute inhalative toxicity (Compon	ents)		
White mineral oil				
Species	rat			
LC50	>	5		g/l
Duration of exposure		4 Viet	h	
Administration/Form Method	Dust/N OECD			
Hydrocarbons, C14-C19, is			% aromatics	
Species	rat	, oyonos, <z< td=""><td></td><td></td></z<>		
LC50	>	5266	m	g/m³
Duration of exposure		4	h	
Administration/Form	Dust/M			
Method	OECD	403		
Skin corrosion/irritation	-	<i></i>		
Remarks		on available	e data, the classificatio	n criteria are not met.
Serious eye damage/irrita				
Remarks	Based	on available	e data, the classification	n criteria are not met.
Sensitization				
Remarks	Based	on available	e data, the classificatio	n criteria are not met.
		xicity		

Safety data sheet in accordance with regulation (EC) No 1907/2006

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Safety data sheet in accordance with regulation (EC) No 1907/2006



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Domostro	· · · · · · · · · · · · · · · · · · ·						
Remarks	not determined						
Mutagenicity Remarks	Based on available data, the classification cr	iteria are not met					
Reproductive toxicity							
Remarks	Based on available data, the classification criteria are not met.						
Carcinogenicity							
Remarks	Based on available data, the classification cr	iteria are not met.					
Specific Target Organ To	oxicity (STOT)						
Single exposure Remarks	Based on available data, the classification cr	iteria are not met.					
Repeated exposure Remarks	Based on available data, the classification cr	riteria are not met.					
	oxicity (STOT) (Components)						
Cristobalite							
Repeated exposure evaluation	Causes damage to organs through prolonge Route of exposure inhalative	d or repeated exposure					
Aspiration hazard							
	the classification criteria are not met.						
Aspiration hazard (Comp	bonents)						
White mineral oil Harmful: may cause lung Hydrocarbons, C14-C19, i Harmful: may cause lung	soalkanes, cyclics, <2% aromatics						
11.2 Information on other I	•						
	operties with respect to humans						
	tain a substance that has endocrine disrupting pr	roperties with respect to					
Other information							
No toxicological data are	available.						
CE	CTION 12: Ecological informatio	n					
32		"					
12.1. Toxicity							
General information							
not determined							
Fish toxicity (Componen	ts)						
White mineral oil							
Species LC50	golden orfe (Leuciscus idus) > 10000 mg/l						
Duration of exposure Method	96 h OECD 203						
	soalkanes, cyclics, <2% aromatics						
<u> </u>	rainbow trout (Oncorhynchus mykiss)						
Species NOELR	> 1000 mg/l						

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	Replaces Version: - / 0	GB Print date: 04.07.202
Duration of exposure Remarks	28 d The details of the toxic effect rel	ate to the nominal concentration.
Daphnia toxicity (Compone	ents)	
White mineral oil		
Species LL50	Daphnia magna > 100	ma/l
Duration of exposure	> 100 48 h	mg/l
Method	OECD 202	
White mineral oil		
Species	Daphnia magna	<i>"</i>
NOEC Duration of experiure	10 21 d	mg/l
Duration of exposure Method	21 d OECD 211	
	alkanes, cyclics, <2% aromatics	
Species	Acartia tonsa	
LL50	> 3193	mg/l
Duration of exposure	48 h	
Remarks		ate to the nominal concentration.
-	alkanes, cyclics, <2% aromatics	
Species NOELR	Daphnia magna 5	mg/l
Duration of exposure	21 d	ilig/i
Remarks	The details of the toxic effect rel	ate to the nominal concentration.
Algae toxicity (Component	ts)	
White mineral oil		
Species	Pseudokirchneriella subcapitata	
LOEC	>= 100	mg/l
Duration of exposure	72 h OECD 201	
Method		
Species	alkanes, cyclics, <2% aromatics Skeletonema costatum	5
EL50	> 3200	mg/l
Duration of exposure	72 h	
Remarks	The details of the toxic effect rel	ate to the nominal concentration.
Bacteria toxicity (Compone	ents)	
Hydrocarbons, C14-C19, isc	alkanes, cyclics, <2% aromatics	6
Species	activated sludge	
EC50	> 100	mg/l
Duration of exposure Method	3 h OECD 209	
12.2. Persistence and degrae	dability	
General information		
not determined		
Biodegradability (Compon	ents)	
White mineral oil		
Value	31	%
Duration of tool	28 d	
Duration of test	biodo avo de la	
evaluation	biodegradable	
evaluation	biodegradable palkanes, cyclics, <2% aromatics 74	%

12.3. Bioaccumulative potential	Version: Replaces	1 / GB		
evaluation Re 12.3. Bioaccumulative potential		1 / GB		
12.3. Bioaccumulative potential	Replaces			Date revised: 04.07.20
12.3. Bioaccumulative potential		s version	I: - / GB	Print date: 04.07.20
•	adily biodegrad	able (acc	cording to OECD	criteria)
General information				
not determined				
Partition coefficient n-octanol/	-			
Remarks	not determined			
Octanol/water partition coeffic	ient (log Pow)) (Comp	onents)	
White mineral oil		ta	10.0	
log Pow Temperature	<= 4,3 20	to °C	18.2	
Source	calculated value	-		
Hydrocarbons, C14-C19, isoalka				
log Pow Tomporaturo	5,22 20	to °C	9,67	
Temperature	20	C		
12.4. Mobility in soil				
General information				
not determined				
12.5. Results of PBT and vPvB a	issessment			
General information				
not determined				
Results of PBT and vPvB asse				
The product contains no PBT su The product contains no vPvB su				
·				
12.6 Endocrine disrupting prope				
Endocrine disrupting propertie	•			
The product does not contain a s target organisms.	substance that h	as endoc	crine disrupting pr	operties with respect to non-
12.7. Other adverse effects				
General information not determined				
General information / ecology				
Do not allow to enter soil, waterw	vavs or waste w	ater cana	al. Avoid release i	nto the atmosphere.
			o no idevotio:	
SECHO	N 13: Dispo	osar c	onsideratio	15
13.1. Waste treatment methods				
Disposal recommendations for Must not be disposed together w	-	arbaga		
Dispose of waste according to a				
Disposal recommendations fo				
-	ed should be dis			

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Trade name: Siliform Comp. B

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SECTION 14: Transport information Land transport ADR/RID Air transport ICAO/IATA Marine transport IMDG/GGVSee 14.1. UN number or ID The product does not constitute The product does not constitute The product does not constitute a hazardous substance in land a hazardous substance in sea a hazardous substance in air number transport. transport. transport. 14.2. UN proper shipping name 14.3. Transport hazard class(es) Label 14.4. Packing group

SECTION 15: Regulatory information

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

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

CLP categories listed in Chapter 2/3

Asp. Tox. 1 STOT RE 1 Aspiration hazard, Category 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.