PC LEAKINJECT HYDROGEL 6880

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Reference number: PC 6880
Issue date: 29/06/2016 Revision date: 15/02/2023 Version: 1.2

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

1.1. Product identifier

Product form : Mixture
Product name : PC LEAKINJECT HYDROGEL 6880
UFI : 9P20-T0Y8-1006-AMME

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Injection resin for waterproofing

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

TRADECC N.V.
Terbekehofdreef 50 - 52
2610 Antwerpen
Belgium
T +32 38 28 94 95 - F +32 38 30 27 69
info@tradecc.com - www.tradecc.com

1.4. Emergency telephone number

Emergency number : +32 3 828 94 95

Country	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Militaire Reine Astrid	Rue Bruyn 1 1120 Brussels	+32 70 245 245	Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 (Inhalation)	H332
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Resp. Sens. 1	H334
Skin Sens. 1	H317
Carc. 2	H351
STOT SE 3	H335
STOT RE 2	H373

Full text of hazard classes, H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful if inhaled. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS07 GHS08

Signal word (CLP) : Danger

Contains : Methylenediphenyl diisocyanate; Diphenylmethane-4,4'-diisocyanate; Diphenylmethane-2,4'-di-isocyanate; 1,2-Propanediol, ethylene oxide, propylene oxide, diphenylmethanediisocyanate polymer; Isocyanates, reaction product of polyol with methylenediphenyl diisocyanate; Diphenylmethanediisocyanate, isomers and homologues

Hazard statements (CLP) : H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 - May cause respiratory irritation.
H351 - Suspected of causing cancer.
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (CLP) : P260 - Do not breathe dust, fume, gas, mist, spray, vapours.
P280 - Wear eye protection, face protection, protective clothing, protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements : EUH208 - Contains Methylenediphenyl diisocyanate, Diphenylmethane-4,4'-diisocyanate, Diphenylmethane-2,4'-di-isocyanate, 1,2-Propanediol, ethylene oxide, propylene oxide, diphenylmethanediisocyanate polymer, Isocyanates, reaction product of polyol with methylenediphenyl diisocyanate, Diphenylmethanediisocyanate, isomers and homologues. May produce an allergic reaction.

Extra phrases : Persons already sensitised to diisocyanates may develop allergic reactions when using this product.
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.
As from 24 August 2023 adequate training is required before industrial or professional use.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Isocyanates, reaction product of polyol with methylenediphenyl diisocyanate	REACH-no: 01-2119457015-45	35 – 50	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 STOT SE 3, H335
Propylene carbonate	CAS-No.: 108-32-7 EC Index-No.: 607-194-00-1 REACH-no: 01-2119537232-48	10 – 20	Eye Irrit. 2, H319
Methylenediphenyl diisocyanate	CAS-No.: 26447-40-5 EC-No.: 247-714-0 EC Index-No.: 615-005-00-9	10 – 20	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
Vinyltrimethoxysilane	CAS-No.: 2768-02-7 EC-No.: 220-449-8	1 – 10	Acute Tox. 4 (Inhalation), H332
Dimethylsuccinate	CAS-No.: 106-65-0 EC-No.: 203-419-9	1 – 10	Eye Irrit. 2, H319
Dimethyladipaat	CAS-No.: 627-93-0 EC-No.: 211-020-6	1 – 10	Acute Tox. 4 (Oral), H302
Diphenylmethane-4,4'-diisocyanate	CAS-No.: 101-68-8 EC-No.: 202-966-0 EC Index-No.: 615-005-00-9 REACH-no: 01-2119457014-47	1 – 5	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
Diphenylmethane-2,4'-di-isocyanate	CAS-No.: 5873-54-1 EC-No.: 227-534-9 EC Index-No.: 615-005-00-9	1 – 5	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
1,2-Propanediol, ethylene oxide, propylene oxide, diphenylmethanediisocyanate polymer	CAS-No.: 103837-45-2	1 – 5	Resp. Sens. 1, H334 Skin Sens. 1, H317
Diphenylmethanediisocyanate, isomers and homologues	CAS-No.: 9016-87-9 REACH-no: 01-2119457014-47	1 – 5	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits**
Methylenediphenyl diisocyanate	CAS-No.: 26447-40-5 EC-No.: 247-714-0 EC Index-No.: 615-005-00-9	(0,1 ≤C < 100) Resp. Sens. 1, H334 (5 ≤C < 100) STOT SE 3, H335 (5 ≤C < 100) Skin Irrit. 2, H315 (5 ≤C < 100) Eye Irrit. 2, H319
Diphenylmethane-4,4'-diisocyanate	CAS-No.: 101-68-8 EC-No.: 202-966-0 EC Index-No.: 615-005-00-9 REACH-no: 01-2119457014-47	(0,1 ≤C < 100) Resp. Sens. 1, H334 (5 ≤C < 100) STOT SE 3, H335 (5 ≤C < 100) Skin Irrit. 2, H315 (5 ≤C < 100) Eye Irrit. 2, H319
Diphenylmethane-2,4'-di-isocyanate	CAS-No.: 5873-54-1 EC-No.: 227-534-9 EC Index-No.: 615-005-00-9	(0,1 ≤C < 100) Resp. Sens. 1, H334 (5 ≤C < 100) STOT SE 3, H335 (5 ≤C < 100) Skin Irrit. 2, H315 (5 ≤C < 100) Eye Irrit. 2, H319

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : May be harmful if swallowed.

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

None.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Reacts slowly with water (moisture): release of harmful gases/vapours carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure adequate ventilation.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Storage area : Store in a well-ventilated place.

Special rules on packaging : Keep only in original container.

7.3. Specific end use(s)

Refer to the technical directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
Belgium - Occupational Exposure Limits	
Local name	4,4'-Diisocyanate de diphénylméthane (MDI) # Difenylmethaan-4,4'-di-isocyanaat (MDI)
OEL TWA	0,052 mg/m³
OEL TWA [ppm]	0,005 ppm

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	50 mg/kg bodyweight/day
Acute - systemic effects, inhalation	0,1 mg/m³
Acute - local effects, dermal	28,7 mg/cm²
Acute - local effects, inhalation	0,1 mg/m³
Long-term - systemic effects, inhalation	0,05 mg/m³
Long-term - local effects, inhalation	0,05 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	> 1 mg/l
PNEC aqua (marine water)	> 0,1 mg/l
PNEC (Soil)	
PNEC soil	> 1 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	> 1 mg/l

Diphenylmethane-2,4'-di-isocyanate (5873-54-1)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	50 mg/kg bodyweight/day
Acute - systemic effects, inhalation	0,1 mg/m³
Acute - local effects, dermal	28,7 mg/cm²
Acute - local effects, inhalation	0,1 mg/m³
Long-term - systemic effects, inhalation	0,05 mg/m³
Long-term - local effects, inhalation	0,05 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	> 1 mg/l
PNEC aqua (marine water)	> 0,1 mg/l
PNEC (Soil)	
PNEC soil	> 1 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	> 1 mg/l

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:
Gloves. Protective clothing. Safety glasses.

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:
Safety glasses

8.2.2.2. Skin protection

Skin and body protection:
Wear suitable protective clothing

Hand protection:
protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:
[In case of inadequate ventilation] wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Yellow. brown.
Odour	:	characteristic.
Odour threshold	:	Not available
Melting point	:	Not applicable
Freezing point	:	Not available
Boiling point	:	Not available
Flammability	:	Not applicable
Explosive limits	:	Not available
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	> 60 °C
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
pH	:	Not available
Viscosity, kinematic	:	Not available
Viscosity, dynamic	:	310 mPa.s (20 °C)
Solubility	:	Reacts with water.
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	Not available

Vapour pressure at 50°C	:	Not available
Density	:	1,132 g/ml
Relative density	:	Not available
Relative vapour density at 20°C	:	Not available
Particle characteristics	:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with water.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts with water, generates gases or heat and overpressure : rupture containers.

10.4. Conditions to avoid

high temperatures. Moisture.

10.5. Incompatible materials

Water. Alcohols. amines. Bases. Acids.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides. Hydrogen cyanide.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Harmful if inhaled.

PC LEAKINJECT HYDROGEL 6880	
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1,5 mg/l/4h

Propylene carbonate (108-32-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Dimethylsuccinate (106-65-0)	
LD50 oral rat	> 5 mg/kg
LD50 dermal rabbit	> 5 mg/kg

Dimethyladipaat (627-93-0)	
LD50 oral rat	1902 mg/kg

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 9400 mg/kg

Diphenylmethane-2,4'-di-isocyanate (5873-54-1)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 9400 mg/kg

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 9400 mg/kg
LC50 Inhalation - Rat	0,31 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.

Propylene carbonate (108-32-7)	
pH	7

Serious eye damage/irritation : Causes serious eye irritation.

Propylene carbonate (108-32-7)	
pH	7

Respiratory or skin sensitisation : May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
NOAEL (chronic, oral, animal/male, 2 years)	0,2 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	0,2 mg/kg bodyweight

Diphenylmethane-2,4'-di-isocyanate (5873-54-1)	
NOAEL (chronic, oral, animal/male, 2 years)	0,2 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	0,2 mg/kg bodyweight

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)	
NOAEL (chronic, oral, animal/male, 2 years)	0,2 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	0,2 mg/kg bodyweight

Reproductive toxicity : Not classified

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
LOAEL (animal/male, F0/P)	1 mg/kg
LOAEL (animal/female, F0/P)	1 mg/kg

Diphenylmethane-2,4'-di-isocyanate (5873-54-1)	
LOAEL (animal/male, F0/P)	1 mg/kg
LOAEL (animal/female, F0/P)	1 mg/kg

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)	
LOAEL (animal/male, F0/P)	1 mg/kg

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)	
LOAEL (animal/female, F0/P)	1 mg/kg

STOT-single exposure : May cause respiratory irritation.

Methylenediphenyl diisocyanate (26447-40-5)	
STOT-single exposure	May cause respiratory irritation.

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
STOT-single exposure	May cause respiratory irritation.

Diphenylmethane-2,4'-di-isocyanate (5873-54-1)	
STOT-single exposure	May cause respiratory irritation.

Isocyanates, reaction product of polyol with methylenediphenyl diisocyanate	
STOT-single exposure	May cause respiratory irritation.

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Methylenediphenyl diisocyanate (26447-40-5)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Diphenylmethane-2,4'-di-isocyanate (5873-54-1)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

Propylene carbonate (108-32-7)	
LC50 - Fish [1]	> 1000 mg/l cyprinus carpio
EC50 - Crustacea [1]	> 1000 mg/l Daphnia magna
EC50 72h - Algae [1]	> 900 mg/l Desmodesmus subspicatus

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
LC50 - Fish [1]	> 100 mg/l

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l
ErC50 algae	> 1,64 mg/l
NOEC (chronic)	> 100 mg/l Eisenia fetida

Diphenylmethane-2,4'-di-isocyanate (5873-54-1)	
LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l
ErC50 algae	> 1,64 mg/l
NOEC (chronic)	> 100 mg/l Eisenia fetida

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)	
LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l
ErC50 algae	> 1,64 mg/l
NOEC (chronic)	> 100 mg/l Eisenia fetida
NOEC chronic crustacea	> 10 mg/l

12.2. Persistence and degradability

Propylene carbonate (108-32-7)	
Persistence and degradability	Readily biodegradable.
Biodegradation	90 – 100 % 14 days

Diphenylmethane-4,4'-diisocyanate (101-68-8)	
Persistence and degradability	% biodegradation.

Diphenylmethane-2,4'-di-isocyanate (5873-54-1)	
Persistence and degradability	% biodegradation.

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)	
Persistence and degradability	Not readily biodegradable. % biodegradation.

12.3. Bioaccumulative potential

Propylene carbonate (108-32-7)	
Partition coefficient n-octanol/water (Log Kow)	-0,41
Bioaccumulative potential	No bioaccumulation.

Dimethylsuccinate (106-65-0)	
Partition coefficient n-octanol/water (Log Pow)	0,35

Dimethyladipaat (627-93-0)	
Partition coefficient n-octanol/water (Log Pow)	1,03

12.4. Mobility in soil

Propylene carbonate (108-32-7)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	14,85

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport
Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)	
Reference code	**Applicable on**
3(b)	PC LEAKINJECT HYDROGEL 6880 ; Vinyltrimethoxysilane ; Propylene carbonate ; Dimethylsuccinate ; Dimethyladipaat ; 1,2-Propanediol, ethylene oxide, propylene oxide, diphenylmethanediisocyanate polymer ; Isocyanates, reaction product of polyol with methylenediphenyl diisocyanate ; Diphenylmethanediisocyanate, isomers and homologues
56.	Methylenediphenyl diisocyanate ; Diphenylmethane-4,4'-diisocyanate ; Diphenylmethane-2,4'-di-isocyanate
56(a)	Diphenylmethane-4,4'-diisocyanate
56(b)	Diphenylmethane-2,4'-di-isocyanate
74.	Diphenylmethane-4,4'-diisocyanate ; Diphenylmethane-2,4'-di-isocyanate

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed
SZW-lijst van mutagene stoffen : None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Carc. 2	Carcinogenicity, Category 2
EUH208	Contains Methylenediphenyl diisocyanate, Diphenylmethane-4,4'-diisocyanate, Diphenylmethane-2,4'-di-isocyanate, 1,2-Propanediol, ethylene oxide, propylene oxide, diphenylmethanediisocyanate polymer, Isocyanates, reaction product of polyol with methylenediphenyl diisocyanate, Diphenylmethanediisocyanate, isomers and homologues. May produce an allergic reaction.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.