

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

1.1. Product identifier

Product form : Mixture
Trade name : Parasilico FR

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

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

DL CHEMICALS
Roterijstraat 201-203
B-8793 Waregem - Belgium
T + 32 56 62 70 51 - F + 32 56 60 95 68
info@dl-chem.com - www.dl-chem.com

1.4. Emergency telephone number

Emergency number : + 32 70 245 245

Country	Official advisory body	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

EUH-statements : EUH210 - Safety data sheet available on request.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

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]
decamethylcyclopentasiloxaan substance listed as REACH Candidate (Decamethylcyclopentasiloxane (D5)) non-classified PBT substance non-classified vPvB substance	(CAS-No.) 541-02-6 (EC-No.) 208-764-9	0,1 - 1	Not classified

Parasilico FR

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Dodecamethylcyclohexasiloxaan substance listed as REACH Candidate (Dodecamethylcyclohexasiloxane (D6)) non-classified PBT substance non-classified vPvB substance	(CAS-No.) 540-97-6 (EC-No.) 208-762-8	0,1 - 1	Not classified
---	--	---------	----------------

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after skin contact : Wash skin with mild soap and water. After contact with skin, first remove product with a dry cloth and then wash the skin with plenty of water.
- First-aid measures after eye contact : Rinse immediately with water. Seek medical attention if ill effect or irritation develops.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Seek medical advice (show the label where possible).

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water fog. extinguishing powder. Carbon dioxide. Alcohol resistant foam.
- Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Methanol.

5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire. Evacuate unnecessary personnel. Do not breathe fumes from fires or vapours from decomposition.
- Firefighting instructions : Cool down the containers exposed to heat with a water spray.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Wear self-contained breathing apparatus and protective suit (see section 8).
- Other information : Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure adequate air ventilation.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Equip rescue crew with proper protection.

6.2. Environmental precautions

Avoid undiluted product to come into sewer or superficial water.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Following dangerous substances will be released when the product hardens: Methanol.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Parasilico FR

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

In case of repeated or prolonged contact wear gloves

Eye protection:

Type	Use	Characteristics	Standard
Safety glasses	Droplet	With side shields	EN 166

Skin and body protection:

Avoid contact with skin and eyes

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.



Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Paste.
Colour : According to product specification.
Odour : Sweet.
Flash point : > 93,3 °C (estimated value)
Density : 1,4 g/cm³
Solubility : Water: Insoluble
Ethanol: Insoluble
Ether: Insoluble
Log Pow : No data available
Viscosity, kinematic : > 20,5 mm²/s at 40 °C

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

Parasilico FR

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Strong acids, bases.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

decamethylcyclopentasiloxaan (541-02-6)	
LD50 oral rat	5000 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 inhalation rat (mg/l)	8,67 mg/l/4h

Dodecamethylcyclohexasiloxaan (540-97-6)	
LD50 oral rat	2000 mg/kg
LD50 dermal rat	2000 mg/kg

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

decamethylcyclopentasiloxaan (541-02-6)	
NOAEL (oral, rat)	1000 mg/kg bodyweight
NOAEL (dermal, rat/rabbit)	1600 mg/kg bodyweight
NOAEC (inhalation, rat, gas)	2420 mg/m ³
NOAEC (inhalation, rat, vapour)	0 - 0

STOT-repeated exposure : Not classified

Dodecamethylcyclohexasiloxaan (540-97-6)	
LOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight/day
LOAEC (inhalation, rat, gas, 90 days)	10 ppmv/6h/day

Aspiration hazard : Not classified

Parasilico FR	
Viscosity, kinematic	> 20,5 mm ² /s at 40 °C

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

decamethylcyclopentasiloxaan (541-02-6)	
LC50 fish 1	1,6 µg/l
EC50 Daphnia 1	2,9 µg/l OECD 202
NOEC chronic fish	1,4 µg/l OESO 210 90d
NOEC chronic crustacea	0,0015 mg/l Daphnia magna OESO 211
NOEC chronic algae	0,0012 mg/l

Parasilico FR

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Dodecamethylcyclohexasiloxaan (540-97-6)	
EC50 other aquatic organisms 1	> 420 mg/l
EC50 72h algae (1)	0,002 mg/l OECD 201
NOEC chronic fish	4,4 µg/l Pimephales promelas

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

decamethylcyclopentasiloxaan (541-02-6)	
Bioconcentration factor (BCF REACH)	7060 OECD 305
Log Kow	8,02 at 25.3°C

Dodecamethylcyclohexasiloxaan (540-97-6)	
Log Pow	8,87
Log Kow	8

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Parasilico FR	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Component	
decamethylcyclopentasiloxaan (541-02-6)	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII
Dodecamethylcyclohexasiloxaan (540-97-6)	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII

12.6. 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	: Reprocess or burn in an approved incinerator.
Product/Packaging disposal recommendations	: Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

SECTION 14: Transport information

In accordance with ADR

ADR	
14.1. UN number	Not applicable
14.2. UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Dangerous for the environment : No
No supplementary information available	

14.6. Special precautions for user

Special transport precautions : No dangerous good in sense of transport regulations.

- Overland transport

No data available

Parasilico FR

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions

Contains a substance on the REACH candidate list in concentration 0.1% or with a lower specific limit:

Decamethylcyclopentasiloxane (D5) (EC 208-764-9 , CAS 541-02-6), Dodecamethylcyclohexasiloxane (D6) (EC 208-762-8, CAS 540-97-6)

Contains no REACH Annex XIV substances

15.1.2. National regulations

IECSC

AICS

PICCS

TSCA

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

EUH210	Safety data sheet available on request.
--------	---

MSDS Reach Annex II DL-Chem

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