

# Safety Data Sheet



## ProSil SF 50 Silicone Oil 50 cSt

Issue date 04-Jul-2019

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Version 5.01

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

#### 1.1. Product Identifier

<b>Product name</b>	ProSil SF 50Silicone Oil 50 cSt
<b>INCI</b>	Dimethicone
<b>Pure substance/mixture</b>	Substance

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

<b>Recommended Use</b>	Chemical intermediate, Intermediate, Additive
<b>Uses advised against</b>	No information available

#### 1.3. Details of the supplier of the safety data sheet

##### **ReinhardOil.dk ApS**

Helleruplund alle 8  
2900 Hellerup  
Denmark  
☎ : 0045 70267007

#### For further information, please contact

<b>Contact Point</b>	R&D
<b>E-mail address</b>	mail@reinhardoil.dk

#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	+44 1235 239670 (NCEC 24/7) For additional emergency telephone numbers see section 16 of the safety data sheet.
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

*Regulation (EC) No 1272/2008*

. This substance is not classified as dangerous according to regulation (EC) 1272/2008 [GHS].

#### 2.2. Label Elements

##### **Product Identifier**

. This substance is not classified as dangerous according to regulation (EC) 1272/2008 [GHS].

##### **Signal Word**

None

#### 2.3. Other Hazards

No information available

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

None known based on information supplied

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**Full text of H- and EUH-phrases: see section 16**

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	When in doubt or if symptoms are observed, get medical advice.
<b>Inhalation</b>	Remove to fresh air.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Eye Contact</b>	If substance enters the eyes, immediately rinse with plenty of water for several minutes.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

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

**Symptoms** None known.

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

**Note to doctors** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable Extinguishing Media**

Use. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Alcohol resistant foam. Cool containers with flooding quantities of water until well after fire is out.

#### **Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire

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

Thermal decomposition can lead to release of irritating and toxic gases and vapours

**Hazardous combustion products** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Silicon dioxide, Formaldehyde.

### 5.3. Advice for firefighters

In the event of fire and/or explosion do not breathe fumes. Use water spray jet to protect personnel and to cool endangered containers. Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required. 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

#### **Personal precautions**

Special danger of slipping by leaking/spilling product. Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapour/spray. Evacuate personnel to safe areas.

#### **For emergency responders**

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

See Section 12 for additional Ecological Information.

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

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for cleaning up**

Use personal protective equipment as required. Cover liquid spill with sand, earth or other non-combustible absorbent material. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

### 6.4. Reference to other sections

See section 8 for national exposure control parameters. See Section 12 for additional Ecological Information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### **Advice on safe handling**

Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapour/spray. Use personal protective equipment as required. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### **General hygiene considerations**

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep container tightly closed in a dry and well-ventilated place. Never use pressure to empty; drum is not a pressure vessel.

### 7.3. Specific end use(s)

#### **Risk Management Methods (RMM)**

The information required is contained in this Material Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### **Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### **Personal Protective Equipment**

#### **Eye/face Protection**

Wear safety glasses with side shields (or goggles).

#### **Hand protection**

Wear protective gloves. To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

#### **Skin and Body Protection**

Suitable protective clothing. Wear protective gloves. To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374.

#### **Respiratory protection**

None under normal use conditions.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained.

## SECTION 9: Physical and chemical properties

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

<b>Physical State</b>	Liquid	<b>Odour</b>	characteristic
<b>Appearance</b>	No information available	<b>Odour threshold</b>	No information available
<b>Colour</b>	Colourless		
<b>Property</b>	<b>Values</b>	<b>Remarks</b>	<b>Method</b>
<b>pH</b>		No information available	
<b>Melting point/freezing point</b>		No information available	
<b>Boiling point / boiling range</b>	> 65 °C / 149 °F		
<b>Flash Point</b>	> 200*** °C / >*** 392*** °F	CC (closed cup)	
<b>Evaporation Rate</b>		No information available	
<b>Flammability (solid, gas)</b>		No information available	
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>	No data available		
<b>Lower flammability limit</b>	No data available		
<b>Vapour pressure</b>	No data available	@ 20 °C	
<b>Vapour Density</b>		No information available	
<b>Specific gravity</b>	No data available approx. 0.960 g/cm <sup>3</sup>	@ 20 °C	
<b>Water solubility</b>	No data available	@ 20 °C	
<b>Solubility(ies)</b>	Insoluble in water		
<b>Partition coefficient</b>		No information available	
<b>Autoignition Temperature</b>		No information available	
<b>Decomposition temperature</b>		No information available	
<b>Kinematic viscosity</b>	No data available approx. 50 mm <sup>2</sup> /s	@ 40 °C	
		@ 25°C	
<b>Dynamic viscosity</b>	No data available	@ 40 °C	
<b>Explosive properties</b>	No information available		
<b>Oxidising properties</b>	No information available		

### 9.2. Other information

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

None known based on information supplied.

### 10.5. Incompatible materials

Incompatible with oxidising agents. Acids. Bases.

### 10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapours. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>). If this product is heated to > 150 °C, trace quantities of formaldehyde may be released, and adequate ventilation is required.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute Toxicity

##### Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

<b>Inhalation</b>	No data available.
<b>Eye Contact</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Ingestion</b>	No data available.

#### Oral LD50

> 15400 mg/kg	Rat
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#### Dermal LD50

> 2000 mg/kg	Rabbit
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**Unknown acute toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Sensitisation** No information available.

**Germ Cell Mutagenicity** No information available.

**Carcinogenicity** No information available.

<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

#### Product Information

##### Acute (short-term) algae toxicity

<b>EC50</b>	No information available
<b>EC0</b>	No information available
<b>IC50</b>	No information available
<b>IC0</b>	No information available
<b>ErC50</b>	No information available
<b>EbC50</b>	No information available

##### Acute (short-term) fish toxicity

<b>LC50</b>	No information available
<b>LC0</b>	No information available
<b>EC50</b>	No information available
<b>EC0</b>	No information available

##### Acute (short-term) aquatic invertebrate toxicity

###### **EC50**

> 200 mg/l (48 h)	Daphnia magna
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<b>EC0</b>	No information available
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##### Chronic (long-term) algae toxicity

<b>NOEC</b>	No information available
<b>LOEC</b>	No information available

##### Chronic (long-term) fish toxicity

<b>NOEC</b>	No information available
<b>LOEC</b>	No information available

##### Chronic (long-term) aquatic invertebrate toxicity

<b>NOEC</b>	No information available
<b>LOEC</b>	No information available

### 12.2. Persistence and degradability

Not readily biodegradable.

**Product Information**

<b>Biodegradation</b>	No information available
<b>BOD</b>	No information available
<b>ThCO2</b>	No information available
<b>DOC</b>	No information available

**12.3. Bioaccumulative potential****Product Information**

<b>Bioaccumulation (factor)</b>	No information available
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**12.4. Mobility in soil**

No information available.

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

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be persistent, bio-accumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB). This preparation contains no substance considered to be very persistent nor very bio-accumulating (vPvB).

**12.6. Other adverse effects**

No information available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

<b>Waste from residues/unused products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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<b>Contaminated packaging</b>	Contaminated packages must be completely emptied and can be re-used following proper cleaning. Clean IBCs or drums at approved facility. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.
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**OTHER INFORMATION**

Waste codes should be assigned by the user based on the application for which the product was used.\*\*\*

**SECTION 14: Transport information****ADR**

<b>14.1. UN number</b>	Not regulated
<b>14.2. UN proper shipping name</b>	Not regulated
<b>14.3. Transport hazard class(es)</b>	Not regulated
<b>Labels</b>	-
<b>14.4. Packing group</b>	Not regulated
<b>Description</b>	-
<b>14.5. Environmental hazards</b>	Not applicable
<b>14.6. Special precautions for user</b>	None
<b>Classification code</b>	-
<b>Tunnel restriction code</b>	-
<b>Limited quantity (LQ)</b>	-

ADR Hazard Id (Kemmler Number)	-
Note:	-
<b>RID</b>	
14.1. UN number	Not regulated
14.2. UN proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
Labels	-
14.4. Packing group	Not regulated
Description	-
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	None
Classification code	-
Limited quantity (LQ)	-
Note:	-
<b>IMDG</b>	
14.1. UN number	Not regulated
14.2. UN proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
Subsidiary hazard class	-
14.4. Packing group	Not regulated
Description	-
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	None
EmS-No	-
Limited quantity (LQ)	-
Note:	-
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	No information available
<b>IATA</b>	
14.1. UN number	Not regulated
14.2. UN proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
Subsidiary hazard class	-
14.4. Packing group	Not regulated
Description	-
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	None
ERG Code	-
Limited quantity (LQ)	-
Note:	-

## SECTION 15: Regulatory information

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

#### National Regulations

See section 8 for national exposure control parameters

#### Germany

**Water hazard class (WGK)** slightly hazardous to water (WGK 1)

**Storage class** 10

#### European Union



Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

### International Inventories

**All of the components in the product are on the following Inventory lists:** TSCA (United States), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), South Korea (KECL), Australia (AICS), China (IECSC), ENCS (Japan), Canada (DSL/NDSL).

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out. Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Emergency telephone number

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Czech Republic	+420 228 882 830 (NCEC 24/7)
Denmark	+45 8988 2286 (NCEC 24/7)
Finland	+358 9 7479 0199 (NCEC 24/7)
France	+33 1 72 11 00 03 (NCEC 24/7)
Germany	+49 89 220 61012 (NCEC 24/7)
Greece	+30 21 1198 3182 (NCEC 24/7)
Italy	+39 02 3604 2884 (NCEC 24/7)
Netherlands	+31 10 713 8195 (NCEC 24/7)
Norway	+47 2103 4452 (NCEC 24/7)
Poland	+48 22 307 3690 (NCEC 24/7)
Portugal	+351 30880 4750 (NCEC 24/7)
Spain	+34 91 114 2520 (NCEC 24/7)
Sweden	+46 8 566 42573 (NCEC 24/7)
Turkey	+90 212 375 5231 (NCEC 24/7)
Middle East	+973 1619 8321 (NCEC 24/7)
Middle East / Africa	+44 1235 239671 (NCEC 24/7)

**Revision note** See the red text with asterisks in this safety data sheet for the latest changes.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**End of Safety Data Sheet**