

**Verdersil is the lubricant / coolant used with the Verderflex® range of and other peristaltic or hose pumps**

**WARNING**

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information

**Verdersil is a food grade product in accordance with FDA CFR 21 part 178 :3570 Lubricant with Incidental Food Contact and complies with EC Regulation 1935/2004**

## **1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING**

### **1.1 Identification of the Substance / Mixture and of the Company / Undertaking**

Product name	Verdersil
Cas number	63148-62-9
Product Code	PDMS
Chemical identification	Silicone fluid Silicone oil Polydimethyl siloxane
INCI	Dimethicone

### **1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**

### **1.3 Details of the Supplier of the Safety Data Sheet**

Producer / supplier	Verder Limited Unit 3 California Drive Castleford WF10 5QH Great Britain
Tel number	+44 (0) 1924 221 020
Fax number	+44 (0) 113 246 5649
For advice on this product call:	+44 (0) 1924 221 020

### **1.4 Emergency Telephone Number**

Emergency tel number: +44 (0) 1924 221 020 (office hours only)

## **2 HAZARDS IDENTIFICATION**

### **2.1 Classification of the Substance or Mixture**

- Classification under CLP : This product has no classification under CLP

### **2.2 Label Elements**

- This product has no label elements

### **2.3 Other Hazards**

- Other hazards : Not applicable.
- PBT : This product is not identified as a PBT/vPvB substance

### **3 COMPOSITION / INFORMATION ON INGREDIENTS**

#### **3.1 Substances**

Chemical identification	Polydimethyl siloxane
Cas number	63148-62-9

### **4 FIRST AID MEASURES**

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information.

#### **4.1 Description of First Aid Measures**

- Skin contact : Wash immediately with plenty of soap and water
- Eye contact : Bathe the eye with running water for 15 minutes
- Ingestion : Wash out mouth with water
- Inhalation : Consult a doctor

#### **4.2 Most Important Symptoms and Effects, Both Acute and Delayed**

- Skin contact : There may be mild irritation at the site of contact
- Eye contact : There may be irritation and redness
- Ingestion : There may be irritation of the throat
- Inhalation : No symptoms

#### **4.3 Indication of any Immediate Medical Attention and Special Treatment Needed**

- Immediate / special treatment : Not applicable

### **5 FIRE FIGHTING MEASURES**

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information.

#### **5.1 Extinguishing Media**

- Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers

#### **5.2 Special Hazards Arising from the Substance or Mixture**

- Exposure hazards : In combustion emits toxic fumes

#### **5.3 Advice for Fire-fighters**

- Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

## 6 ACCIDENTAL RELEASE MEASURES

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant appropriate product information.

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- Personal precautions : Refer to section 8 of SDS for personal protection details. Turn leaking containers leak side up to prevent the escape of liquid

### 6.2 Environmental Precautions

- Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3 Methods and Material for Containment and Cleaning up

- Clean-up procedures : Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method

### 6.4 Reference to other Sections

- Refer to section 8 of SDS

## 7 HANDLING AND STORAGE

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information.

### 7.1 Precautions for Safe Handling

### 7.2 Conditions for Safe Storage, Including any Incompatibilities

- Store in a cool, well ventilated area. Keep container tightly closed

### 7.3 Specific End Use(s) : No data available

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information.

### 8.1 Control Parameters

- Workplace exposure limits : No data available
- DNEL/PNEC Values : No data available

### 8.2 Exposure Controls

- Respiratory protection : Respiratory protection not required
- Hand protection : Protective gloves
- Eye protection : Safety glasses. Ensure eye bath is to hand
- Skin protection : Protective clothing

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on Basic Physical and Chemical Properties**

- State : Liquid
- Colour : Colourless
- Viscosity : Viscous
- Kinematic viscosity : 50-10000
- Boiling point/range°C : >35
- pH : Approx. 7
- Flash point°C : >93

### **9.2 Other Information**

- No data available.

## **10 STABILITY AND REACTIVITY**

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information.

### **10.1 Reactivity**

- Stable under recommended transport or storage conditions

### **10.2 Chemical Stability**

- Stable under normal conditions

### **10.3 Possibility of Hazardous Reactions**

- Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### **10.4 Conditions to Avoid**

- Heat

### **10.5 Incompatible Materials**

- Materials to avoid : Strong oxidising agents. Strong acids

### **10.6 Hazardous Decomposition Products**

- Haz. decomp. products : In combustion emits toxic fumes

## **11 TOXICOLOGICAL INFORMATION**

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information.

### **11.1 Information on Toxicological Effects**

- Toxicity values : No data available

### **11.2 Symptoms / Routes of Exposure**

- Skin contact : There may be mild irritation at the site of contact
- Eye contact : There may be irritation and redness
- Ingestion : There may be irritation of the throat
- Inhalation : No symptoms

## **12 ECOLOGICAL INFORMATION**

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information.

### **12.1 Toxicity**

- Ecotoxicity values : No data available

### **12.2 Persistence and Degradability**

- Biodegradable.

### **12.3 Bioaccumulative Potential**

- No bioaccumulation potential

### **12.4 Mobility in Soil**

- Mobility : Readily absorbed into soil

### **12.5 Results of PBT and vPvB Assessment**

- PBT identification : This product is not identified as a PBT/vPvB substance

### **12.6 Other Adverse Effects**

- Negligible ecotoxicity

## **13 DISPOSAL CONSIDERATIONS**

Used lubricant may become contaminated with pumped product, also verify precautions and advice against relevant product information.

### **13.1 Waste Treatment Methods**

- NB : The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

## **14 TRANSPORT INFORMATION**

- Transport class : This product does not require a classification for transport

## **15 REGULATORY INFORMATION**

### **15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

- Specific regulations : Not applicable

### **15.2 Chemical Safety Assessment**

- A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

**16 OTHER INFORMATION****Other Information**

- This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision

**Legal Disclaimer**

- The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

The information contained in this sheet is based on our knowledge of the preparation at its delivery date and that the information contained herein is current as of the date of this data sheet. Since the use of this information, and of these opinions and the conditions of use of this preparation is not within the control of Verder Limited, it is the user's obligation to determine the conditions of safe use of the preparation.



The information contained in this sheet is based on our knowledge of the product at its delivery date