

## SAFETY DATA SHEET SILICONE GREASE SG100

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY/UNDERTAKING

#### 1.1 PRODUCT IDENTIFIER

PRODUCT NAME SILICONE GREASE  
PRODUCT No. SG800

#### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

APPLICATION OF THE SUBSTANCE / PREPERATION LUBRICANT AND RELEASE AGENT

#### 1.3 DETAILS OF THE SUPPLIER

SUPPLIER	FloPlast LTD CASTLE ROAD EUROLINK BUSINESS PARK SITTINGBOURNE KENT ME10 3FP 01795 431731 <a href="mailto:technical@floplast.co.uk">technical@floplast.co.uk</a>	MANUFACTURED FOR FloPlast LTD BY:	BISON INTERNATIONAL BV NL-4462 EW Goes PO BOX 160 NL-4462 AD Goes NETHERLANDS +31 88 3235700 (24 hour)
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EMERGENCY TELE: 01795 431731 (08:00HRS – 17:30HRS)

### SECTION 2: HAZARD IDENTIFICATION

#### CLASIFICATION OF SUBSTANCES

##### 2.1 CLASSIFICATION ACCORDING TO REGULATION No. 1272/2008

This product has no classification under CLP

##### 2.2 LABEL ELEMENTS

###### Labelling according to Regulation (EC) No 1272/2008

This product has no label elements.

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

**Additional information:** Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.  
Safety data sheet available on request.

##### 2.3 OTHER HAZARDS

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 MIXTURES

**Description:** Lubricant

**Dangerous components:** Void

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 DESCRIPTION OF FIRST AID MEASURES

**General Information:** No special measures required.

**After inhalation:** Supply fresh air, consult a doctor in case of complaints.

No special measures required.

**After skin contact:** Generally, the product does irritate skin.

**After eye contact:** Rinse opened eye for several minutes under running water.  
**After ingestion:** If systems persist contact a doctor.

#### **4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

No further relevant information available.

#### **4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

No further relevant information available.

### **SECTION 5: FIRE FIGHTING MEASURES**

#### **5.1 EXTINGUISHING MEDIA**

**Extinguishing media:** Suitable extinguisher media for the surrounding fire should be used.

#### **5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

**Exposure hazards:** No further relevant information available.

#### **5.3 ADVICE FOR FIREFIGHTERS**

**Advice for fire-fighters:** No special measures required.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1 PERSONAL PRECUATIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**Personal precautions:** Not required.

#### **6.2 ENVIRONMENTAL PRECAUTIONS**

**Environmental precautions:** No special measures required.

#### **6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

**Clean-up procedures:** Send for recovery or disposal in suitable receptacles. Absorb liquid with liquid-binding material (Sand, acid binders, universal binder, sawdust).

#### **6.4 REFERENCE TO OTHER SECTIONS**

No dangerous substances are released.  
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 OF SAFE HANDLING**

**Handling requirements:** Avoid the formation or spread of dust in the air.  
**Information about fire - and explosion protection:** No special measures required.

#### **7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPTABILITIES**

**Requirements to be met by storerooms and receptacles:** No special requirements.  
**Information about storage in one common storage facility:** Not required.  
**Further information about storage conditions:** None.  
**Storage class:** 12

#### **7.3 SPECIFIC END USE(S)**

**Specific end use(s):** No further relevant information available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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

### 8.2 EXPOSURE CONTROLS

#### Personal protective equipment:

**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

#### Protection of hands:



Hand protection recommended

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

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves:

Recommended thickness of the material: > 0,12 mm Nitrile rubber, NBR.

#### Penetration time of glove material:

For the mixture of chemicals mentioned below the penetration time has to be at least 10 minutes (Permeation according to EN 374 Part 3: Level 1).

**Eye protection:** Goggles recommended during refilling



Eye protection

Only necessary if there is a risk of eye contact

Ensure eye bath is to hand.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1.1 Appearance:

<b>State:</b>	Gel/Fluid.
<b>Colour:</b>	Blue.
<b>Odour:</b>	Characteristic.
<b>Odour threshold:</b>	Not determined.
<b>pH-value at 20°C:</b>	7
<b>Initial boiling point/boiling range:</b>	100°C
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flash point ° C:</b>	>300°C
<b>Decomposition temperature:</b>	Not determined.
<b>Auto-ignition:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.

**Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**Vapour pressure at 20 °C:** 23hPa**Density:** 1.03 gcm<sup>3</sup>**Relative Density:** Not determined.**Vapour Density:** Not determined.**Evaporation rate:** Not determined.**Suitability in/ Miscibility with water:** No miscible or difficult to mix.**Partition coefficient: n-octanol/water** Not determined.**Viscosity:****Density:** Not determined.**Kinematic:** Not determined.**Solvent content:****Organic solvents:** 0.0%.**Water:** 80.7%**Solid content:** **1.9%****Evaporation rate:** Not determined.**9.2 OTHER INFORMATION****Other information:**

All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture.

**SECTION 10: STABILITY AND REACTIVITY****10.1 REACTIVITY****Reactivity:** No further relevant information available.**10.2 CHEMICAL STABILITY****Chemical stability:** No thermal decomposition if used in according to specification.**10.3 POSSIBILITY OF HAZARDOUS REACTIONS****Hazardous reactions:** No dangerous reactions known.**10.4 CONDITIONS TO AVOID****Conditions to avoid:** No further relevant information available.**10.5 INCOMPATIBLE MATERIALS****Incompatible materials:** No further relevant information available.**10.6 HAZARDDOUS DECOMPOSITION PRODUCTS****Haz. Decomp. Products:** No dangerous decomposition products known.**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 INFORMATION ON TOXICOLOGY EFFECTS****Acute Toxicity:** Based on available data, the classification criteria are not met.**11.2 SYMPTOM/ ROUTES OF EXPOSURE:****Skin contact:** Based on available data, the classification criteria are not met.**After eye contact:** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.**Acute effects (acute toxicity, irritation and corrosivity):** Not applicable.**Sensitisation:** Not applicable.**Repeated dose toxicity:** Not applicable.**11.3 CMR EFFECTS (CARCIOGENITY, MUTAGENICITY AND TOXICITY FOR REPRODUCTION)****Germ cell mutagenicity:** Not applicable.**Carcinogenicity:** Based on available data, the classification criteria are not met.**Reproductive toxicity:** Based on available data, the classification criteria are not met.

<b>STOT-single exposure:</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard;</b>	Based on available data, the classification criteria are not met.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 TOXICITY

**Aqua values:** No further relevant information available.

### 12.3 PERSISTENCE AND DEGRADABILITY

**Persistence and degradability:** No further relevant information available.

### 12.4 BIOACCUMULATIVE POTENTIAL

**Bioaccumulative potential:** No further relevant information available.

### 12.5 MOBILITY IN SOIL

No further relevant information available.

**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for Water 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 identification:** Not applicable.

**vPvB identification:** Not applicable.

### 12.6 OTHER ADVERSE EFFECTS

**Other adverse effects:** No further relevant information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

**Recommendation:** Smaller quantities can be disposed of with household waste. Disposal must be made according to official regulations.

### **Uncleaned packaging:**

**Recommendation:** Packaging's that may not be cleansed are to be disposed of in the same manner as the product.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN-NUMBER

**ADR/ADN, IMDG, IATA:** Not regulated.

**ADN:** Not regulated.

### 14.2 UN-PROPER SHIPPING NAME

**ADR/ADN, ADN, IMDG, IATA** Not regulated.

### 14.3 TRANSPORT HAZARD CLASS(ES)

**ADR/ADN, ADN, IMDG, IATA**

**Class:** Not regulated.

### 14.4 PACKING GROUP

**ADR/ADN, IMDG, IATA:** Not regulated.

### 14.5 ENVIRONMENTAL HAZARDS:

**Marine pollutant:** No.

### 14.6 SPECIAL PRECAUTIONS FOR USER

Not regulated.

### 14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE

Not applicable.

**Transport/Additional information:** Not dangerous according to the above specifications.

### **IMDG**

**Remarks:** Under certain conditions substances in Class 3 (flammable liquids) can be classified in packing group III.  
See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2

**UN "Model Regulation":** Not regulated.

**SECTION 15: REGULATORY INFORMATION****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.**15.2 CHEMICAL SAFETY ASSESSMENT****Chemical safety assessment:** A chemical safety assessment has not been carried.**SECTION 16: OTHER INFORMATION**

This product should be used as directed by Bison International. For further information consult the product data sheet or contact FloPlast's Technical Department.

The safety data sheet has been compiled using current information supplied by Bison International, and the distributors of their raw materials.

**Abbreviations and acronyms:**

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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

**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 damages resulting from handling or from contact with the above product.

Issued By Neil Harrison

Department QUESH

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