

**SAFETY DATA SHEET  
SILICONE GREASE  
STND GRADE**

Issued 22.09.2015  
Revision No.8

**1) Identification of the substance/preparation and of the company/undertaking.**

**Product name:** Silicone Grease – standard grade

**Application:** Industrial Lubricant

**Manufacturer/Supplier:** Bradechem Ltd  
Unit 1, The Business Venue  
Grandholm  
Aberdeen  
AB22 8AA  
TEL +44 (0)1224 822227  
Email sales@bradechem.com

**Emergency Contact:**  
TEL +44 (0)1224 822227

**2) Hazards Identification.**

**Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical and Chemical Hazards Not classified.  
Human health Not classified.  
Environment Not classified.

**Classification (67/548/EEC)** Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Human health**

Prolonged skin contact may cause temporary irritation.  
Vapours may cause drowsiness or dizziness

**Environment**

The product is not expected to be hazardous to the environment.

**Physical and Chemical Hazards**

Not hazardous

**3) Composition / Information on Ingredients.**

**Description:**  
Polysiloxane and inorganic thickener

**Hazardous ingredients:** None

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4) **First Aid Measures.**

**Skin contact:** Wash with soap and water

**Eye contact:** Wash out all residual material with water. Bathe eye with running water for several minutes. If irritation continues seek medical advice.

**Inhalation:** Unlikely due to low volatility of product. If inhaled move to fresh air and seek medical advice.

**Ingestion:** Wash mouth with water. Do not induce vomiting, seek medical advice.

5) **Fire Fighting Measures.**

**Extinguishing media:** Extinguish with dry powder, foam, sand, or earth.

**UNSUITABLE Extinguishing media:** Water jet.

**Protective equipment:** Self contained breathing apparatus

6) **Accidental Release Measures.**

**Personal precautions:** May cause slippery conditions underfoot.

**Environmental precautions:** Do not allow to enter drains or watercourse

**Spillage:** Apply suitable absorption media, scrape up in bulk then wipe remainder with cloth.

7) **Handling & Storage.**

**Handling:** Wear suitable gloves, do not smoke. Care should be taken with dispensing equipment not to inject product under skin.

**Storage:** Do not store at elevated temperatures.

8) **Exposure Control / Personal Protection.**

**Control parameters**

Name: Silicone stnd	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
	OES	5 mg/m3 (Oil mist)	OES 10 mg/m3 (Oil mist)	

**Exposure controls**

**Protective equipment**



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Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash, quick drench.

**Engineering measures**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

**Respiratory equipment**

If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Check that mask fits tight and change filter regularly.

**Hand protection**

Protective gloves must be used if there is a risk of direct contact or splash. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Manufactured/tested in accordance with EN 374.

**Eye protection**

Wear splash-proof eye goggles to prevent any possibility of eye contact. If risk of splashing, wear safety goggles or face shield. Manufactured/Tested in accordance with EN 166.

**Other Protection**

Use barrier creams to prevent skin contact. Provide eyewash station and safety shower. Wear appropriate clothing to prevent repeated or prolonged skin contact.

**Hygiene measures**

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

Eating, smoking and water fountains prohibited in immediate work area.

**9) Physical and Chemical Properties.**

<b>Physical state:</b>	Grease
<b>Colour:</b>	Translucent near white
<b>Odour:</b>	Slight
<b>Pour point:</b>	N/A
<b>Flash point:</b>	In excess of 300°C
<b>Flammability :</b>	Not flammable at ambient temperature
<b>Density @ 15°C:</b>	1.00
<b>Solubility in water:</b>	Insoluble.

**10) Stability and Reactivity.**

**Stability:** Stable under normal conditions

**Conditions to avoid:** Powerful sources of ignition and extremes of temperature

**Materials to avoid:** Strong oxidising agents

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**Hazardous decomposition products:** Dimethylcylosiloxanes

**11) Toxicological Information.**

**Acute toxicity:** Not considered toxic under normal handling.  
(Acute LD50 - Rat oral > 5000mg/Kg)

**Chronic toxicity:** Not applicable

**Genotoxicity:** Not applicable

**Irritancy skin:** Possible on very mild skin types.  
Long-term exposure may cause dermatitis and de-fatting of the skin

**12) Ecological Information**

**Possible effects:** Possible marine pollutant (slight) if released in large quantities.

**Environmental consequences:** Unlikely to cause notable contamination.  
Insoluble in water, poorly absorbed into soils.

**13) Disposal Considerations.**

**Product disposal:** Incineration or landfill, dispose of in accordance with local regulations.

**14) Transport Information.**

**For road, rail and air:** Not classified (no special precautions or labelling necessary)

**DOT Proper shipping name:** Not regulated

**ADR/RID class:** Not regulated

**IMDG/IMO Shipping description:** Not regulated

**ICAO / IATA Shipping description:** Not regulated

No UN Number, No Packing Group.

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**15) Regulatory Information.**

Safety, health and environmental regulations/legislation specific for the substance or mixture  
Uk Regulatory References  
Chemicals (Hazard Information & Packaging) Regulations.  
Guidance Notes  
Workplace Exposure Limits EH40.  
EU Legislation  
Regulation (EC) No 1272/2008 CLP. Regulation (EC) No 1907/2006 REACH.  
Water hazard classification  
WGK 1

**16) Other Information.**

**General Information**

Only trained personnel should use this material.

**Revision Comments**

This MSDS has been produced on new software and may appear different in presentation and style. Please check all sections carefully.

Revision Date 22.09.15  
Revision 8  
Supersedes date 19.09.12

Safety Data Sheet Status Approved.

Date 22.09.15

**Risk Phrases In Full**

None required

**Hazard Statements In Full**

None required

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.