

# SAFETY DATA SHEET SILICONE GREASE



Issue Date: 02/03/18

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

### 1.1 Product identifier

**Product name:** 665016-TUB  
**Internal Id** Silicone grease  
**REACH Registration notes** Exempt from Registration

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

**Identified uses** Grease

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

**Supplier** Arctic Hayes Ltd  
Glover Way  
Leeds  
West Yorkshire  
LS11 5JP  
+44 (0)113 271 5245  
sales@arctic-hayes.com

### 1.4. Emergency telephone number

+44 (0) 113 271 5245 (Office hours)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### **Classification (EC 1272/2008)**

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

#### **Classification according to Directive 67/548/EEC**

#### **Hazard symbols**

Not dangerous.

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

### 2.2. Label elements

#### **Product Identifier**

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

#### **Signal Word**

None

### 2.3. Other hazards

No information available.

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### **3.1 Substances**

Not applicable.

#### **302 Mixtures**

None known based on information supplied.

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

### SECTION 4: FIRST AID MEASURES

#### **4.1. Description of first aid measures**

##### **General advice**

When in doubt or if symptoms are observed, get medical advice.

##### **Inhalation**

Remove to fresh air.

##### **Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

##### **Eye contact**

If substance enters the eyes, immediately rinse with plenty of water for several minutes.

##### **Ingestion**

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 physicians**

Treat symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### **5.1. Extinguishing media**

##### **Extinguishing media**

Use. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Alcohol resistant foam. Coll 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.

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

Thermal decomposition can lead to release of irritating and toxic gases and vapour.

#### **Hazardous combustion products**

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>).

### **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. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. 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 breath 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.

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### 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.

##### **Environments exposure controls**

Local authorities should be advised if significant spillages cannot be contained.

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Physical state</b>	Paste/Gel Liquid
<b>Appearance</b>	No information available
<b>Colour</b>	Translucent white
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No information available

<b>Property</b>	<b>Values</b>	<b>Remarks - Method</b>
pH		No information available
Melting point/freezing point		No information available
Boiling point	>150°C / 302 °F	
Flash point	>100°C / >212°F	
Evaporation Rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapour pressure	No data available	@ 20°C
Vapour Density		No information available
Specific gravity	Approx. 1.035 g/cm <sup>3</sup>	@ 20°C
Water solubility	< 1.0%	@ 20°C
Solubility(ies)		No information available
Partition coefficient		No information available
Autoignition Temperature		No information available
Decomposition temperature		No information available
Kinematic viscosity	No data available	@ 40 °C
Dynamic viscosity	No data available	@ 40 °C
Explosive properties	No information available	
Oxidising properties	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.

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### 10.5. Incompatible materials

Incompatible with oxidizing 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>).

## 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

#### Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity.

<b>Skin corrosion/irritation</b>	No data available
<b>Serious eye damage/eye irritation</b>	No data available
<b>Sensitisation</b>	No data available
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>Reproductivity Toxicity</b>	No data available
<b>STOT – single exposure</b>	No data available
<b>STOT – repeated exposure</b>	No data available
<b>Aspiration Hazard</b>	No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

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

<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

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

EC50	No information available
EC0	No information available

### Chronic (long-term) algae toxicity

NOEC	No information available
LOEC	No information available

### Chronic (long-term) fish toxicity

NOEC	No information available
LOEC	No information available

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

NOEC	No information available
LOEC	No information available

### Component Information

#### 12.2. Persistence and degradability

No information available

#### Biodegradation

Biodegradation	No information available
BOD	No information available
ThCO <sub>2</sub>	No information available
DOC	No information available

#### 12.3. Bioaccumulative potential

No information available.

#### 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, bioaccumulating 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 bioaccumulating (vPvB).

#### 12.6. Other adverse effects

No information available

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### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

##### **Waste from residue/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

##### **Contaminated packaging**

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 packaged in the same way as the substance itself.

### SECTION 14: TRANSPORT INFORMATION

#### ADR

14.1 UN/ID No	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

#### RID

14.1 UN/ID No	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None

#### IMDG

14.1 UN/ID No	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk According to Annex II of MARPOL 73/78 and the IBC code	No information available

#### IATA

14.1 UN/ID No	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	None



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### 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.

##### **Water hazard class (WGK)**

Slightly hazardous to water (WGK 1)

##### **Storage class**

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##### **European Union**

Take note of Directive 92/24/EC on the protection of the health and safety of worker from the risks related to chemical agents at work.

##### **International Inventories**

##### **All of the components in the product are on the following Inventory lists**

TSCA (United States:, Europe 9EINECS/ELINCS/NLP).

#### **15.2. Chemical Safety Assessment**

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

### SECTION 16: OTHER INFORMATION

#### **Full text of R-phrases referred to under sections 2 and 3**

No information available.

##### **Revision note**

Not applicable.

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

#### 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 himself as to the suitability of such information for his own particular use.