



## SILICONE LUBRICANT

**0101**

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

#### 1.1. Product identifier

Product form : Mixture  
 Product name : **Silicone Lubricant 400ml**  
 Product code : **0101**  
 Type of product : Aerosol  
 Vaporizer : Aerosol

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
 Industrial/Professional use spec : For professional use only  
 Use of the substance/mixture : Silicone oil., Lubricant.

##### 1.2.2. Uses advised against

No additional information available

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

**Merton Group UK Ltd** Unit 9 Foxholes Road off Golf Course Lane Leicester LE3 1TH  
 Tel: 0116 231 4040 Fax: 0116 287 3570 Email: headoffice@mertongroup.co.uk

#### 1.4. Emergency telephone number

Emergency number : Mon to Fri 8.30am to 5.00pm - 01298 26226

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol 1 H222;H229

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

Signal word (CLP) : Danger  
 Hazard statements (CLP) : H222 - Extremely flammable aerosol  
 H229 - Pressurised container: May burst if heated  
 Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
 P211 - Do not spray on an open flame or other ignition source  
 P251 - Do not pierce or burn, even after use  
 P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

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according to Regulation (EC) No. 453/2010

| Name   | Product identifier  | %       | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|---------|--|---|
| butane<br>substance with national workplace exposure limit(s) (DK, GB, IE) | (CAS No) 106-97-8<br>(EC no) 203-448-7<br>(EC index no) 601-004-00-0    | 30 - 60 | F+; R12  | Flam. Gas 1, H220<br>Press. Gas                                 |
| propane<br>substance with national workplace exposure limit(s) (DK, IE)    | (CAS No) 74-98-6<br>(EC no) 200-827-9<br>(EC index no) 601-003-00-5     | 15 - 30 | F+; R12  | Flam. Gas 1, H220   |
| Hydrocarbons, C10-12, isoalkanes, <2% aromatics                            | (CAS No) 90622-57-4<br>(EC no) 923-037-2<br>(REACH-no) 01-2119471991-29 | 5 - 15  | Xn; R65<br>R66<br>R53                            | Asp. Tox. 1, H304<br>Aquatic Chronic 4, H413                    |

Full text of R- and H-phrases: see section 16

**SECTION 4: First aid measures****4.1. Description of first aid measures**

No additional information available

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

No additional information available

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

No additional information available

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

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

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Explosion risk in case of fire.

**5.3. Advice for firefighters**

No additional information available

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

No additional information available

**6.1.2. For emergency responders**

No additional information available

**6.2. Environmental precautions**

No additional information available

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

No additional information available

**6.4. Reference to other sections**

No additional information available

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Precautions for safe handling : Do not spray on an open flame or other ignition source.

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

Storage conditions : Keep away from ignition sources. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Incompatible products : Oxidizing agent. Strong acids. Strong bases.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

| propane (74-98-6) |            |        |
|-------------------|------------|--------|
| Denmark           | Local name | Propan |

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| <b>propane (74-98-6)</b> |   |  |
|--------------------------|---|--|
| Denmark                  | Grænseværdie (langvarig) (mg/m <sup>3</sup> ) | 1800 mg/m <sup>3</sup>   |
| Denmark                  | Grænseværdie (langvarig) (ppm)                | 1000 ppm   |
| Ireland                  | Local name                                    | Propane  |
| Ireland                  | OEL (8 hours ref) (ppm)                       | 1000 ppm   |
| Ireland                  | Notes (IE)                                    | Asphx  |
| <b>butane (106-97-8)</b> |   |  |
| Denmark                  | Local name                                    | n-Butan  |
| Denmark                  | Grænseværdie (langvarig) (mg/m <sup>3</sup> ) | 1200 mg/m <sup>3</sup>   |
| Denmark                  | Grænseværdie (langvarig) (ppm)                | 500 ppm  |
| Ireland                  | Local name                                    | Butane   |
| Ireland                  | OEL (8 hours ref) (ppm)                       | 1000 ppm   |
| United Kingdom           | Local name                                    | Butane   |
| United Kingdom           | WEL TWA (mg/m <sup>3</sup> )                  | 1450 mg/m <sup>3</sup>   |
| United Kingdom           | WEL TWA (ppm)                                 | 600 ppm  |
| United Kingdom           | WEL STEL (mg/m <sup>3</sup> )                 | 1810 mg/m <sup>3</sup>   |
| United Kingdom           | WEL STEL (ppm)                                | 750 ppm  |
| United Kingdom           | Remark (WEL)                                  | Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene) |

**8.2. Exposure controls**

|                                   |  |
|-----------------------------------|--|
| Materials for protective clothing | : Not required for normal conditions of use            |
| Hand protection                   | : In case of repeated or prolonged contact wear gloves |
| Eye protection                    | : Not required for normal conditions of use            |
| Skin and body protection          | : Not required for normal conditions of use            |
| Respiratory protection            | : Not required for normal conditions of use            |

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Appearance                                 | : Aerosol.          |
| Colour                                     | : Colourless.       |
| Odour                                      | : characteristic.   |
| Odour threshold                            | : No data available |
| pH   | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : No data available |
| Freezing point                             | : No data available |
| Boiling point                              | : No data available |
| Flash point                                | : No data available |
| Auto-ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |
| Flammability (solid, gas)                  | : No data available |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Relative density                           | : 0,59              |
| Solubility                                 | : No data available |
| Log Pow                                    | : No data available |
| Viscosity, kinematic                       | : No data available |
| Viscosity, dynamic                         | : No data available |
| Explosive properties                       | : No data available |
| Oxidising properties                       | : No data available |
| Explosive limits                           | : No data available |

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**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No additional information available

**10.2. Chemical stability**

No additional information available

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

Direct sunlight. Heat. Open flame.

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No additional information available

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

|  |                  |
|--|------------------|
| Acute toxicity                                     | : Not classified |
| Skin corrosion/irritation                          | : Not classified |
| Serious eye damage/irritation                      | : Not classified |
| Respiratory or skin sensitisation                  | : Not classified |
| Germ cell mutagenicity                             | : Not classified |
| Carcinogenicity                                    | : Not classified |
| Reproductive toxicity                              | : Not classified |
| Specific target organ toxicity (single exposure)   | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard                                  | : Not classified |

**SILICONE LUBRICANT**

|           |         |
|-----------|---------|
| Vaporizer | Aerosol |
|-----------|---------|

**SECTION 12: Ecological information****12.1. Toxicity**

No additional information available

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential**

No additional information available

**12.4. Mobility in soil**

No additional information available

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

No additional information available

**12.6. Other adverse effects**

No additional information available

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

Waste disposal recommendations : Do not pierce or burn, even after use.

**SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

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**14.1. UN number**

UN-No. (ADR) : 1950  
 UN-No. (IMDG) : 1950  
 UN-No.(IATA) : 1950

**14.2. UN proper shipping name**

Proper Shipping Name (ADR) : AEROSOLS  
 Proper Shipping Name (IMDG) : AEROSOLS  
 Proper Shipping Name (IATA) : AEROSOLS, FLAMMABLE  
 Transport document description (ADR) : UN 1950 AEROSOLS, 2.1, (D)  
 Transport document description (IMDG) : UN 1950 AEROSOLS, 2.1

**14.3. Transport hazard class(es)****ADR**

Transport hazard class(es) (ADR) : 2.1  
 Danger labels (ADR) : 2.1

**IMDG**

Transport hazard class(es) (IMDG) : 2.1  
 Danger labels (IMDG) : 2.1

**IATA**

Transport hazard class(es) (IATA) : 2.1  
 Hazard labels (IATA) : 2.1

**14.4. Packing group**

Packing group (ADR) : Not applicable  
 Packing group (IMDG) : Not applicable  
 Packing group (IATA) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : No  
 Marine pollutant : No  
 Other information : No supplementary information available

**14.6. Special precautions for user****- Overland transport**

Classification code (ADR) : 5F  
 Special provisions (ADR) : 190, 327, 344, 625  
 Limited quantities (ADR) : 1L  
 Excepted quantities (ADR) : E0  
 Packing instructions (ADR) : P207, LP02  
 Special packing provisions (ADR) : PP87, RR6, L2

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|   |             |
|---|-------------|
| Mixed packing provisions (ADR)  | : MP9       |
| Transport category (ADR)  | : 2         |
| Special provisions for carriage - Packages (ADR)                        | : V14       |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV9, CV12 |
| Special provisions for carriage - Operation (ADR)                       | : S2        |
| Tunnel restriction code (ADR)   | : D         |

**- Transport by sea**

|                                   |                               |
|-----------------------------------|-------------------------------|
| Special provisions (IMDG)         | : 63, 190, 277, 327, 344, 959 |
| Limited quantities (IMDG)         | : SP277                       |
| Excepted quantities (IMDG)        | : E0                          |
| Packing instructions (IMDG)       | : P207, LP02                  |
| Special packing provisions (IMDG) | : PP87, L2                    |
| EmS-No. (Fire)                    | : F-D                         |
| EmS-No. (Spillage)                | : S-U                         |
| Stowage category (IMDG)           | : None                        |

**- Air transport**

|  |                    |
|--|--------------------|
| PCA Excepted quantities (IATA)               | : E0               |
| PCA Limited quantities (IATA)                | : Y203             |
| PCA limited quantity max net quantity (IATA) | : 30kgG            |
| PCA packing instructions (IATA)              | : 203              |
| PCA max net quantity (IATA)                  | : 75kg             |
| CAO packing instructions (IATA)              | : 203              |
| CAO max net quantity (IATA)                  | : 150kg            |
| Special provisions (IATA)                    | : A145, A167, A802 |
| ERG code (IATA)                              | : 10L              |

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

|          |                   |
|----------|-------------------|
| IBC code | : Not applicable. |
|----------|-------------------|

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations**

Contains no substances with Annex XVII restrictions  
 Contains no substance on the REACH candidate list  
 Contains no REACH Annex XIV substances

**15.1.2. National regulations****Germany**

|  |  |
|--|--|
| VwVwS Annex reference  | : Water hazard class (WGK) 1, slightly hazardous to water (Classification according to VwVwS, Annex 4) |
| 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV | : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)                                     |

**Denmark**

|                                   |   |
|-----------------------------------|---|
| Recommendations Danish Regulation | : Young people below the age of 18 years are not allowed to use the product |
|-----------------------------------|---|

**15.2. Chemical safety assessment**

No additional information available

**SECTION 16: Other information**

Full text of R-, H- and EUH-phrases:

|                   |   |
|-------------------|---|
| Aerosol 1         | Aerosol, Category 1   |
| Aquatic Chronic 4 | Hazardous to the aquatic environment — Chronic Hazard, Category 4 |
| Asp. Tox. 1       | Aspiration hazard, Category 1                                     |

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|             |  |
|-------------|--|
| Flam. Gas 1 | Flammable gases, Category 1                            |
| Press. Gas  | Gases under pressure                                   |
| H220        | Extremely flammable gas                                |
| H222        | Extremely flammable aerosol                            |
| H229        | Pressurised container: May burst if heated             |
| H304        | May be fatal if swallowed and enters airways           |
| H413        | May cause long lasting harmful effects to aquatic life |

## SDS EU

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*