

# SAFETY DATA SHEET

## FS SILL-TECH

### 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

\* PRODUCT NAME: FS SILL-TECH

Application:

Silicone Spray has a wide range of uses including mould release and lubrication in the automotive, food, clothing and furniture industries where the clean, low toxicity lubricating properties of silicone are ideal.

\* COMPANY: Global Lubricants Limited

\* ADDRESS: 7 Sandwell Business Development Cntr, Oldbury Rd, Smethwick, West Mids B66 1NN

\* EMERGENCY TELEPHONES: + 44 (0) 121 544 3638

\* FAX: + 44 (0)121 544 6505

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| * <u>INGREDIENT NAME:</u> | CAS N°                   | CONTENTS | HEALTH<br>(class) | RISK<br>(R N°) |
|---------------------------|--------------------------|----------|-------------------|----------------|
| PENTANE                   | 109-66-0                 | 20%      |                   |                |
| LPG                       | 68476-85-7               | 20%      |                   |                |
| COMPOSITION COMMENTS      | Blend of silicone fluids |          |                   |                |

### 3. HAZARDS IDENTIFICATION .

None recognised

### 4. FIRST AID MEASURES

\* EYE CONTACT: Promptly wash eyes with lots of water while lifting eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort

continues.

\* SKIN CONTACT: Wash skin immediately with soap and water. Get medical attention if irritation persists after washing.

\* INHALATION: Move exposed person to fresh air at once. Provide rest, warmth and fresh air.

\* INGESTION: Do not induce vomiting. Rinse mouth thoroughly with water and give large amount of milk/water to people not unconscious. Contact physician if larger quantity has been consumed.

### 5. FIRE FIGHTING MEASURES

\* EXTINGUISHING MEDIA: Fire can be extinguished using powder, foam or CO2

\* SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep fire exposed containers cool and disperse vapours. Breathing apparatus should be worn if exposure to fumes is likely.

\* UNUSUAL FIRE & EXPLOSION HAZARDS: Possible risk can rupture when exposed to fire/high temperatures. Contents of aerosol will add to fuelling of fire.

\* HAZARDOUS DECOMPOSITION PRODUCTS: Fire or high temperatures create oxides of carbon and other hydrocarbon combustion products.

### 6. ACCIDENTAL RELEASE MEASURES

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Spill Clean Up Methods: Extinguish all sources of ignition. Absorb material from ruptured or leaking containers onto an inert material. Transfer to suitable container for subsequent disposal.

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### 7. HANDLING AND STORAGE

\* **USAGE PRECAUTIONS:** Keep away from heat, sparks and open flames. Avoid spilling, skin and eye contact. **CAUTION** Pressurised container. Do not expose to temperatures exceeding 50°C. **Do not** puncture or incinerate even when empty. **Do not** spray onto naked flame or any incandescent material. The use of a suitable barrier cream is recommended, but not as a substitute for gloves.

\* **STORAGE PRECAUTIONS:** Store in a cool, dry place away from all sources of heat including direct sunlight

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

\* **INGREDIENT COMMENTS:**

**OES:** Occupational Exposure Standard. **LT EXP:** Long Term Exposure Limit. **ST EXP:** Short Term Exposure Limit

\* **PROTECTIVE EQUIPMENT:**

**VENTILATION:** No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

**RESPIRATORS:** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**PROTECTIVE GLOVES:** Chemical resistant gloves required for prolonged or repeated contact.

**EYE PROTECTION:** Safety goggles/glasses are advised if there is a risk of eye contact.

### 9. CHEMICAL AND PHYSICAL PROPERTIES

|  |  |
|--|--|
| APPEARANCE   | Colourless oil   |
| ODOUR:   | Characteristic   |
| SPECIFIC GRAVITY @ 20°C:                                   | 0.96 to 0.98   |
| pH:  | N/A  |
| SOLUBILITY:  | Insoluble in water - Soluble in aliphatic Hydrocarbons |
| FLASHPOINT (CLOSED CUP)°C:                                 | 300°C min  |
| FLASHPOINT AEROSOL PROPELLANT                              | <21°C  |
| OES:   |  |
| LEL:   | 0.8  |
| UEL:   | 9.0  |
| VAPOUR PRESSURE @ 20°C:                                    | NA   |
| VAPOUR DENSITY (AIR =1):                                   | >1   |
| BOILING POINT (°C):  | 200  |
| POUR MELTING POINT (°C):                                   | -50  |
| KINEMATIC VISCOSITY 40°C(mm <sup>2</sup> s <sup>-1</sup> ) | 350CST   |

### 10. STABILITY AND REACTIVITY

\* **MATERIAL TO AVOID:** Strong oxidising agents

\* **CONDITIONS TO AVOID:** Avoid heat, flames and other sources of ignition.

\* **HAZARDOUS DECOMPOSITION PRODUCTS:** Fire or high temperature creates oxides of carbon and other hydrocarbon combustion products.

### 11 TOXICOLOGICAL INFORMATION

\* **HEALTH WARNINGS:**

\* **Skin contact :** Prolonged or repeated contact may cause irritation and/or dermatitis.

\* **Eye contact:** May cause mild irritation or discomfort.

\* **Inhalation:** High concentrates of vapour may cause dizziness, nausea and headaches.

\* **Ingestion:** May cause irritation of the mouth, respiratory tract and intestinal system.

## PRODUCT: FS SILL-TECH

### 12. ECOLOGICAL INFORMATION

|                                       |                          |
|---------------------------------------|--------------------------|
| * <u>DEGRADABILITY:</u>               | No information available |
| * <u>ACUTE FISH TOXICITY:</u>         | No information available |
| * <u>WATER HAZARD CLASSIFICATION:</u> | No information available |

### 13. DISPOSAL CONSIDERATIONS

|                            |   |
|----------------------------|---|
| * <u>DISPOSAL METHODS:</u> | Dispose of in accordance with local authority requirements. |
|----------------------------|---|

### 14. TRANSPORT INFORMATION

|                  |               |                          |
|------------------|---------------|--------------------------|
| ROAD UN No:1950  | ADR CLASS:    |                          |
| CEPIC TEC(R) No: | ADR ITEM No:2 |                          |
| AIR              | UN No: 1950   | AIR TRANSPORT CLASS No:2 |
| AIR PACK GR:     | ----          |                          |
| SEA              | UN No:1950    | SEA TRANSPORT CLASS No:2 |
| IMDG Page No:    | SEA PACK GR.: | ---                      |

### 15. REGULATORY INFORMATION

|                                    |  |
|------------------------------------|--|
| * <u>LABEL FOR SUPPLY:</u>         |  |
| * <u>RISK PHRASES:</u>             |  |
| * <u>SAFETY PHRASES:</u>           | S-16 Keep away from sources of ignition - No smoking.<br>S-23 Do not breath vapour/spray.<br>S-24/25 Avoid contact with skin and eyes. |
| * <u>UK REGULATORY REFERENCES:</u> | The control of substance Hazardous to Health regulations 1988.<br>Chemicals (Hazardous Information & Packaging) Regulations 1996.      |

### 16. OTHER INFORMATION

The information contained in this Data Sheet is provided with the requirements of the chemicals (Hazard information and Packaging) regulations. It does not constitute the user's own assessment of workplace risks as required by other Health & Safety legislation. The provisions of the Health & Safety at Work etc. Act and the control of substances hazardous to health regulations apply to the use of this product at work.

The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of the product are outside the suppliers control. The user is responsible for ensuring that the requirements of the relevant legislation are complied with.

OES/MEL values are obtained from the current issue of EH40 unless indicated thus (sup) when a value has been obtained from the supplier.

Further information and advice can be found in the following publications:

\* INGREDIENTS TO BE DECLARED: None

The following documentation is published by the UK Health and Safety Executive and is available from H.M. Stationary offices:

SI 1988:1657 The control of substances hazardous to health regulations 1988

SI 1992:2839 The environmental protection (Duty of care) regulations 1992

HS(G)71 Storage of packed dangerous substances

HS(G)51 Storage of flammable liquids in containers

EH 40 - Occupational exposure limits

EH 58 - The carcinogenicity of mineral oils

SHW 367 - Dermatitis cautionary notice

SHW 397 - Effects of mineral oil on the skin

THIS PRODUCT SHOULD BE STORED, HANDLED AND USED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICES AND IN CONFORMITY WITH LEGAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON THE CURRENT STATE OF OUR KNOWLEDGE AND IS INTENDED TO DESCRIBE PRODUCTS FROM THE POINT OF VIEW OF SAFETY REQUIREMENTS AND THUS SHOULD NOT BE CONSTRUCTED AS GUARANTEEING SPECIFIC PROPERTIES.

ALL INFORMATION CONTAINED IN THIS DATA SHEET IS IN ACCORDANCE WITH CHEMICALS HAZARD INFORMATION AND PACKING REGULATIONS.

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