

# Safety Data Sheet

## LFFM 100

Issued: 04/08/2020

Version: 1.0.0

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

#### 1.1. Product identifier

Trade name: LFFM 100

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

Recommended uses: Lubricant

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

##### Supplier

Company: SKF MAINTENANCE PRODUCTS  
Address: P.O. Box 2350  
Zip code: 3430 DT  
City: Nieuwegein  
Country: NETHERLANDS  
E-mail: sebastien.david@skf.com  
Phone: +31 306307200  
Homepage: www.skf.com

#### 1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

### SECTION 2: Hazards identification

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

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

Most serious harmful effects: May cause slight irritation to the skin and eyes.

#### 2.2. Label elements

The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

#### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Contains no substances subject to reporting requirements

Ingredient comments: The mineral oils in the product contain <3% DMSO extract(IP 346).

### SECTION 4: First aid measures

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### 4.1. Description of first aid measures

<b>Inhalation:</b>	Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
<b>Skin contact:</b>	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
<b>General:</b>	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

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

Treat symptoms. No special immediate treatment required.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.
<b>Unsuitable extinguishing media:</b>	Do not use water stream, as it may spread the fire.

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

Not flammable, but combustible. Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

### 5.3. Advice for fire-fighters

If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel:</b>	Keep unnecessary personnel away. Stay upwind/keep distance from source. Stop leak if this can be done without risk. Wear safety goggles if there is a risk of eye splash.
<b>For emergency responders:</b>	In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

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

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

### 6.4. Reference to other sections

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See section 8 for type of protective equipment. See section 13 for instructions on disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Use the product under well-ventilated conditions. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

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

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Store in a dry area. Store at temperatures below 45°C.

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

No special uses in addition to identified uses in 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Occupational exposure limit:** Contains no substances subject to reporting requirements

**Measuring methods:** Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** EH40/2005 Workplace exposure limits. Last amended January 2020.

#### 8.2. Exposure controls

**Appropriate engineering controls:** Wear the personal protective equipment specified below.

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

**Personal protective equipment, hand protection:** Plastic or rubber gloves recommended.

**Personal protective equipment, respiratory protection:** Not required.

In case of risk of formation of spray mist, wear respiratory protective equipment with P2 filter. Respiratory protection must conform to one of the following standards: EN 136/140/145.

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

### SECTION 9: Physical and chemical properties

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

Parameter	Value/unit
State	Liquid
Colour	Colourless
Odour	No data
Solubility	Not miscible with the following: Water.

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Explosive properties	Non-explosive
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	> 150 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

#### 9.2 Other information

Parameter	Value/unit	Remarks
Kinematic viscosity	100 mm <sup>2</sup> /s	(40 °C)
Density	< 1000 kg/m <sup>3</sup>	(25 °C)

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reacts with the following: Strong oxidisers.

#### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

Avoid temperatures >45°C.

#### 10.5. Incompatible materials

Strong oxidisers.

#### 10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE (mix)		5053.30 mg/kg			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

##### Acute toxicity - dermal

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE (mix)		2054.20 mg/kg			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

**Acute toxicity - inhalation:** The product does not have to be classified. Test data are not available.

**Skin corrosion/irritation:** May cause slight irritation. The product does not have to be classified. Test data are not available.

**Serious eye damage/eye irritation:** Temporary irritation. The product does not have to be classified. Test data are not available.

**Respiratory sensitisation or skin sensitisation:** The product does not have to be classified. Test data are not available.

**Germ cell mutagenicity:** The product does not have to be classified. Test data are not available.

**Carcinogenic properties:** The product does not have to be classified. Test data are not available.

**Reproductive toxicity:** The product does not have to be classified. Test data are not available.

**Single STOT exposure:** The product does not have to be classified. Test data are not available.

**Repeated STOT exposure:** The product does not have to be classified. Test data are not available.

**Aspiration hazard:** The product does not have to be classified. Test data are not available.

**Other toxicological effects:** None known.

### SECTION 12: Ecological information

#### 12.1. Toxicity

The product does not have to be classified. Test data are not available.

#### 12.2. Persistence and degradability

Not expected to be biodegradable. Test data are not available.

#### 12.3. Bioaccumulative potential

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No bioaccumulation expected. Test data are not available.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

None known.

German water pollution classification (WGK): 1

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

**Category of waste:** EWC code: Depends on line of business and use, for instance 13 08 99\* wastes not otherwise specified

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

## SECTION 14: Transport information

<b>14.1. UN-No.:</b>	Not applicable.	<b>14.4. Packing group:</b>	Not applicable.
<b>14.2. UN proper shipping name:</b>	Not applicable.	<b>14.5. Environmental hazards:</b>	Not applicable.
<b>14.3. Transport hazard class(es):</b>	Not applicable.		

### 14.6. Special precautions for user

None.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Special Provisions:** None.

### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.

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### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	04/08/2020	Bureau Veritas HSE/ SRU	1-16

**Abbreviations:**  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: Very Persistent and Very Bioaccumulative  
 STOT: Specific Target Organ Toxicity

**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:** Calculation based on the hazards of the known components.

**Document language:** GB