Safety data sheet

Revision: 18-10-2012
Replaces: 06-07-2012
Version: 01.01/UK

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

1.1. Product identifier
Trade name: LFFM 80

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: SKF MAINTENANCE PRODUCTS
Postboks 1008
NL-3430 Nieuwegein
The Netherlands
Tel: +31 30 6307200
Fax: +31 30 6307205
Email: sebastien.david@skf.com
Contact person: Sébastien David

1.4. Emergency telephone number
0870 600 6266 (UK only) Only available to health professionals.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
DPD-classification:
The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

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

2.2. Label elements
Hazard designation:
The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

2.3. Other hazards
Assessment to determine PBT and vPvB has not been made.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
SECTION 4: First aid measures

4.1. Description of first aid measures
Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
Skin: Remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. Seek medical advice in case of persistent discomfort.
Eyes: Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Other information: 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: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.

Unsuitable extinguishing media
Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture
The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters
Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
For non-emergency personnel: No special requirements. Wear safety goggles if there is a risk of eye splash.
For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions
Avoid unnecessary release to the environment.

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
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
There are no special requirements for storage. However, it should be stored safe and out of the reach of children. Keep in tightly closed original packaging. Do not expose to heat (e.g.
sunlight). Store in a dry, cool, well-ventilated area.

7.3. Specific end use(s)  
None.

SECTION 8: Exposure controls/personal protection  
8.1. Control parameters  
Legal basis: EH40/2005 Workplace exposure limits incl. supplement from December 2011.  
Contains no substances subject to reporting requirements.

8.2. Exposure controls  
Appropriate engineering controls: Wear the personal protective equipment specified below. See also section 7.1.

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, skin protection: In the event of direct skin contact, wear protective gloves: Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: Not required.

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  
State: Liquid  
Colour: Yellow  
Odour: No data  
Odour threshold: No data  
pH (solution for use): No data  
pH (concentrate): No data  
Melting point/freezing point: No data  
Initial boiling point and boiling range: No data  
Flash point: Open cup: > 200 °C (> 392 °F)  
Evaporation rate: No data  
Flammability (solid, gas): No data  
Upper/lower flammability limits: No data  
Upper/lower explosive limits: No data  
Vapour pressure: No data  
Vapour density: No data  
Relative density: 0.89 g/cm³ (20 °C)  
Solubility: Insoluble in the following: Water.  
Partition coefficient n-octanol/water: No data  
Auto-ignition temperature: No data  
Decomposition temperature: No data  
Viscosity: Kinematic (40 °C (104 °F)): 0,8 cm²/s (8 0 cSt)  
Explosive properties: No data  
Oxidising properties: No data  

9.2. Other information  
None.

SECTION 10: Stability and reactivity  
10.1. Reactivity  
No known data.

10.2. Chemical stability  
The product is stable when used in accordance with the supplier’s directions.

10.3. Possibility of hazardous reactions
10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
None, if stored at the recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity - oral: The product does not have to be classified. Test data are not available.

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

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.

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

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.

Toxicity in case of single exposure: The product does not have to be classified. Test data are not available.

Toxicity in case of repeated or prolonged 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: The product does not have to be classified. Test data are not available.

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
Test data are not available.

12.3. Bioaccumulative potential
Test data are not available.

12.4. Mobility in soil
Test data are not available.

12.5. Results of PBT and vPvB assessment
No assessment has been made.

12.6. Other adverse effects
None known.

German water pollution classification (WGK): 0
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. Contact the local authorities.

EWC code: Depends on line of business and use, for instance 13 02 08 other engine, gear and lubricating oils.

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.

Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.

SECTION 14: Transport information

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Environmental hazard in tank vessels:

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IMDG Code segregation group:

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14.1. UN number -
14.2. UN proper shipping name -
14.3. Transport hazard class(es) -
14.4. Packing group -
14.6. Special precautions for user -
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code -

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
Chemical safety assessment has not been performed.

SECTION 16: Other information
Changes have been made in the following sections: 1,8,12,13,16
Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic
tvPvB: Very Persistent and Very Bioaccumulative
R-phrases: No R-phrases.
H-phrases: No H-phrases.
Training: A thorough knowledge of this safety data sheet should be a prerequisite condition.
Other information: This safety data sheet is in accordance with 1907/2006/EC (REACH) and subsequent amendments.