



Safety Data Sheet  
Herion F01

**1. Identification of the Substance / Preparation and of the Company / Undertaking:**

Product name: WMH F01

Use of substance / preparation: Lubricating grease

Company name: WMH Herion Antriebstechnik GmbH	Producer: CHEMIE-TECHNIK GMBH
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	Email: axel.toedling@chemietechnik.com

**2. Hazards Identification:**

Main hazards: No significant hazard.

**3. Composition / Information on Ingredients:**

Hazardous ingredients: NAPHTENSÄUREN, ZINKSALZE 1-5 %  
EINECS: 234-409-2 CAS: 12001-85-3  
[Xi] R36/38; [N] R51/53

Contains: Mineral oil <3% DMSO-Extract (IP 346),  
Li-Ca complex thickener,  
Additives

**4. First Aid Measures (Symptoms):**



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**4. First Aid Measures (Action):**

Skin contact: Wash immediately with plenty of soap and water.  
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.  
Ingestion: Do not induce vomiting. Consult a doctor.  
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

**5. Fire-Fighting Measures:**

Extinguishing media: Carbon dioxide. Dry chemical powder. Alcohol resistant foam.  
Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.  
Protection of fire-fighters: Wear self-contained breathing apparatus.

**6. Accidental Release Measures:**

Personal precautions: Eliminate all sources of ignition.  
Environmental precautions: Do not discharge into drains or rivers.  
Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Wash the ground with an appropriate self-emulsifying solvent.

**7. Handling and Storage:**

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.  
Storage conditions: 15 – 25 °C.  
Suitable packaging: Must only be kept in original packaging.

**8. Exposure Controls / Personal Protection:**

Engineering measures: Ensure lighting and electrical equipment are not a source of ignition.  
Hand protection: Nitrile gloves. (e.g. „Greenfit +“, < 1 h, Fa. Ansell).  
Eye protection: Safety goggles

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**9. Physical and Chemical Properties:**

State:	Paste
Colour:	Dark brown
Odour:	Characteristic odour
Solubility in water:	Not miscible
Flash point °C:	> 150
Vapour pressure:	< 0,1 hPa (20 °C)
Relative density:	< 1 g/cm <sup>3</sup>
VOC g/l:	0

**10. Stability and Reactivity:**

Stability:	Stable under normal conditions.
Conditions to avoid:	Flames. Sources of ignition. Hot surfaces.
Materials to avoid:	Strong oxidising agents. Strong reducing agents.
Haz. decomp. products:	In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**11. Toxicological Information:**

**12. Ecological Information:**

Mobility:	Insoluble in water. Floats on water.
Persistence and degradability:	Only slightly biodegradable.
Bioaccumulative potential:	No data available.

**13. Disposal Considerations:**

Waste code number:	EWC 13 08 99
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

#### 14. Transport Information:

<b>ADR / RID</b>	UN No:	Not Classified.
<b>IMDG / IMO</b>	UN No:	Not Classified.
<b>IATA / ICAO</b>	UN No:	Not Classified.

#### 15. Regulatory Information:

Hazard symbols: No significant hazard.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

#### 16. Other Information:

Risk phrases used in s.3: R36/38: Irritating to eyes and skin.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.