



## [ MATERIAL SAFETY DATA SHEET ]

### 1. Identification of the Substance/Preparation & Supplier.

**Product Name:** Muc-Off Wet Lube 120ml  
**Product Type:** Lubricant  
**Supplier:** Muc-Off Ltd, 1st Floor, Unit 1, Concept Office Park, Innovation Close, Poole, Dorset, BH12 4QT, UK  
**Emergency Information:** Emergency phone number (Office hours only): 01202 307790  
Fax no: 01202 746853

### 2. Hazards Identification.

**Hazard designation:**  
Not classified as Hazardous under CHIP regulations.

**Information pertaining to particular dangers for man and environment:** Not applicable.

**Classification system:**  
The health and environmental hazards of this preparation have been assessed by the conventional method described in annex II and III of the preparations Directive 1999/45 EC.

### 3. Composition/Information on Ingredients.

A blend of vegetable oils, vegetable oil derived esters and biodegradable anti-wear additives. Does not contain any materials classified as hazardous under current European legislation.

**Additional Information:** For the wording of the listed risk phrases refer to section 16.

### 4. First Aid Measures.

**Eye Contact:** Flush with plenty of clean water for 10-15 minutes. If irritation persists obtain medical attention.

**Skin Contact:** Wash off with water. The application of skin reconditioning (emollient) cream, can be beneficial.

**Inhalation:** Remove to fresh air, if symptoms persist. Keep warm, seek medical advice.

**Ingestion:** Milk or water to drink may be beneficial. Do not induce vomiting without medical advice.

### 5. Fire Fighting Measures:

**Suitable Extinguishing Media:** Foam, Dry Powder, Co2, Halon, fine water spray suitable.

**Unsuitable Extinguishing Media for Reasons of Safety:**

**Special Hazards caused by the material, its products of combustion or flue gases:** Not classed as flammable, but inherently combustible. May emit noxious fumes in a fire.

**Protective Equipment:** Standard protective equipment. Spray containers adjacent to fires to keep cool and avoid bursting.

Muc-Off Wet Chain Lube

REVISION 0

30.08.2013

Page 1

### 6. Accidental Release Measures.

**Personal safety precautions:** None required. Wear pvc or rubber gloves if contact is likely to be prolonged.

**Measures for environmental protection:** Inform authorities in case of contamination of water or sewage system. Do not allow product to soak into drains or water courses.

**Methods for cleaning/collecting:** Soak liquid in absorbent material and collect solids in a container. Wash down floor area as spillages can be slippery. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

## **7. Handling and Storage.**

**Handling:** Avoid contact with skin and eyes. Observe good standards of industrial hygiene.

**Information for safe handling:** Keep in tightly closed containers. Take note of emission threshold.

**Storage:**

**Requirements to be met by storerooms and containers:** Store between 0-35°C. Store in mild steel, stainless steel or polyethylene. Protect from frost.

**Information about storage in a common storage facility:** Do not store in extremes of temperature or near foodstuffs.

**Specific Uses:** To be used as a lubricant.

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

**Exposure limit values:** Not determined.

**Occupational exposure controls:**

**Respiratory Protection:** Unlikely to be necessary unless operations generate vapour, mist or fumes where the exposure cannot be controlled by local ventilation measures.

**Eyes:** Not likely to be required for normal use.

**Hand:** PVC or rubber gloves are recommended if contact is likely to be prolonged.

**Skin:** Not normally required. Remove contaminated clothing and wash with soap and water.

**Environmental exposure controls:**

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

## **9. Physical and Chemical Properties.**

|                                 |                      |
|---------------------------------|----------------------|
| <b>Appearance:</b>              | Blue Liquid          |
| <b>Odour:</b>                   | Characteristic fatty |
| <b>Flammability:</b>            | Non-Flammable        |
| <b>Vapour Pressure:</b>         | 150mm Hg             |
| <b>Water Solubility:</b>        | Insoluble            |
| <b>Specific Gravity @ 20°C:</b> | 0.90 typical         |
| <b>Freezing Point:</b>          | <0°C                 |

## **10. Stability and Reactivity.**

**Conditions to Avoid:** Naked flames, hot surfaces, other high temperature sources. Protect from frost.

**Materials to Avoid:** Strong oxidising agents.

**Hazardous Decomposition:** Oxides of carbon, water vapour and unidentified organic and inorganic compounds, some of which could be toxic may be evolved. Product is stable under normal conditions.

|                               |                   |                   |               |
|-------------------------------|-------------------|-------------------|---------------|
| <b>Muc-Off Wet Chain Lube</b> | <b>REVISION 0</b> | <b>30.08.2013</b> | <b>Page 2</b> |
|-------------------------------|-------------------|-------------------|---------------|

## **11. Toxicological Information.**

**Eyes:** Contact may cause temporary irritation and stinging.

Skin: Brief or occasional contact is unlikely to cause any significant reaction. Prolonged or repeated contact with the undiluted product may lead to de-fatting of the skin and/or slight irritation  
Inhalation: Unlikely to present any significant hazard at ambient temperature. Excessive exposure to mists caused by atomising systems may cause irritation to eyes and respiratory tract.  
Ingestion: Low order of acute toxicity. Ingestion of this product is not regarded as a significant health hazard likely to arise in normal use. Swallowing of significant quantities may cause vomiting and diarrhoea.

## **12. Ecological Information.**

**Eco-toxicity:** Not classified as hazardous to the environment.

**Mobility:** The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. Avoid transfer into the environment.

**Persistence and Degradability:** Readily biodegradable.

**Bio-accumulative Potential:** Not expected to bio-accumulate

## **13. Disposal Recommendations.**

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations.

Dispose of empty containers in accordance with local and national regulations.

Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

## **14. Transport Information.**

Product is not classified as hazardous for transport.

## **15. Regulatory Information.**

### **Designation according to EC guidelines:**

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (CHIP).

**Risk Phrases:** None

**Safety Phrases:** S2: Keep out of reach of children

### **National Regulations:**

### **Regulations which may apply in event of accident:**

#### **Control of Major Accident Hazards (COMAH)**

Critical quantity values according to the regulations on accidents should be adhered to.

## **16. Other Information.**

Do not mix with other chemicals.

The information provided in this data sheet has been compiled in accordance with the requirements of the Chemicals (Hazard information and packaging) Regulations 2002 (CHIP 3).

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

### **R - Phrases relevant to the products hazardous ingredients:**

|                        |            |            |        |
|------------------------|------------|------------|--------|
| Muc-Off Wet Chain Lube | REVISION 0 | 30.08.2013 | Page 3 |
|------------------------|------------|------------|--------|

### **Training Advice:**

Further information under the regulations of use can be taken from the Product Data Sheet. Should you require any information regarding classification and registration of preparations containing this product please contact our Regulatory Department, Tel (0)1202 307790, E-mail: [jc@muc-off.com](mailto:jc@muc-off.com)

**Recommended Restrictions on Use:**

**Department issuing data specification sheet:** Health and Safety Department

**Contact:** Adam Goudge

**\* Date compared to the previous version altered.**

**Legal Disclaimer:**

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

**Muc-Off Wet Chain Lube**

**REVISION 0**

**30.08.2013**

**Page 4**