

# US Material Safety Data Sheet DRY LUBE

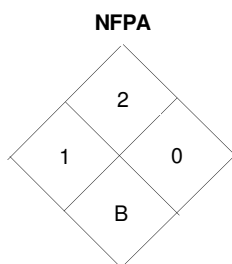


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Company **BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Switzerland**

## 1 Commercial product name and supplier

1.1 Commercial product name / Designation **DRY LUBE**



HMIS	
H	1
F	1
R	0
C	B

1.2 Application / Use Chain lubricant

1.3 Producer **BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575**

1.4 Supplier **MOTOREX USA, 900 Mendelssohn Ave. N, Golden Valley, MN 55427, USA, +1 763-417-1377**

1.5 24 Hour Emergency Assistance **USA + Canada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)**

General MSDS Assistance

1.6 Product No.

## 2 Composition

2.1 Chemical characterization Synthetic esters  
Polymethacrylates

2.2 Hazardous components Dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC):

CAS No. 64742-47-8 5-15 % Distillates (petroleum), hydrotreated light  
Xn: Harmful. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.  
MAK values : 1200 mg/m<sup>3</sup>

CAS No. 64742-48-9 10-40 % Aliphatic hydrocarbons, benzene < 0.1 %  
Xn: Harmful. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.  
MAK values : 1200 mg/m<sup>3</sup>

2.3 Further information

3 **Hazards identification** No known hazard.

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## 4 First aid measures

- 4.1 Eye contact Flush with plenty of water.  
Consult a physician if irritation develops.
- 4.2 Skin contact Remove residues with soap and water.  
Remove contaminated clothing immediately.
- 4.3 Ingestion Consult a physician who will decide on need and method of emptying the stomach.  
Do not induce vomiting. Do not take in resorption stimulating agents.
- 4.4 Inhalation Take into fresh air.  
If respiratory irritation is experienced, call a physician.
- 4.5 Further information
- 

## 5 Fire-fighting measures

- 5.1 Suitable extinguishing media Water fog, carbon dioxide, foam, dry chemicals.
- 5.2 Extinguishing media to avoid None known.
- 5.3 Flash point 179 °F Test method:  
DIN EN ISO 2592
- 5.4 Ignition temperature not flammable
- 5.5 Explosion limits Lower:  
Upper:  
not explosive
- 5.6 Further information None.
- 

## 6 Accidental release measures

Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

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## 7 Handling and storage

- 7.1 Handling No specific requirements.
- 7.2 Industrial hygiene No specific requirements.
- 7.3 Storage Do not expose to direct sunshine.
- 7.4 Place of storage
- 7.5 Fire- and explosion-protection No specific requirements
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## 8 Exposure controls / Personal protection

- |       |                                 |  |
|-------|---------------------------------|--|
| 8.1   | Exposure controls               | No specific requirements.  |
| 8.2   | Exposure limit values           |  |
| 8.3   | Occupational exposure controls  |  |
| 8.3.1 | Respiratory protection          | None required.   |
| 8.3.2 | Hand protection                 | Use impervious gloves when prolonged or frequently repeated contact could occur. |
| 8.3.3 | Eye protection                  | If contact with the product is possible, an eye protector is recommended.        |
| 8.3.4 | Other                           |  |
| 8.4   | Environmental exposure controls |  |
- 

## 9 Physical and chemical properties

- |     |                          |                                 |              |
|-----|--------------------------|---------------------------------|--------------|
| 9.1 | Appearance               | liquid                          |              |
| 9.2 | Colour                   | yellow fluorescent              |              |
| 9.3 | Odour                    | slightly fatty acid             |              |
| 9.4 | Change of physical state |                                 | Test method: |
|     | Solidif. point/range:    | 41 °F                           |              |
| 9.5 | Density                  | 0.873 g/cm <sup>3</sup> (20°C)  | ASTM D 4052  |
| 9.6 | Vapour pressure          |                                 |              |
| 9.7 | Viscosity                | 24.86 mm <sup>2</sup> /s (40°C) | DIN 51562-1  |
| 9.8 | Solubility               |                                 |              |
|     | in water                 | immiscible                      |              |
| 9.9 | pH                       | not applicable                  |              |

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## 9.10 Further information

Part. coeff. n-octanol/water  
Evaporat. rate

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## 10 Stability and reactivity

- 10.1 Thermal decomposition Is stable under normal storage conditions.
- 10.2 Hazardous decomposition products None under normal conditions of storage and use.
- 10.3 Conditions / materials to avoid No hazards known.
- 10.4 Further information
- 

## 11 Toxicological information

- 11.1 Acute toxicity No adverse effects anticipated by this route of exposure incidental to proper handling.  
The estimated oral LD50 for rats is >2000 mg/kg.
- 11.2 Subacute / Chronic toxicity
- 11.3 Further information None.
- 

## 12 Ecological information

- 12.1 Ecotoxicity Water Hazard Class (Germany): Class 1 (self assessment): slightly hazardous for water.  
Biodegradability (CEC-L-33-A-93): >75%
- 12.2 Mobility
- 12.3 Persistence and degradability
- 12.4 Bioaccumulative potential
- 12.5 Further information
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- 13 Disposal considerations Comply with local and national regulations.
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## 14 Transport information

- 14.1 Transport at land ADR RID
- UN Number Kemler Number  
Packing Group  
Proper shipping name

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14.2 Transport at sea ADNR IMDG

UN Number  
EMS MFAG  
Packing Group  
Proper shipping name  
Marine pollutant

14.3 Air transport ICAO / IATA-DGR  
UN Number  
Proper shipping name  
Subsidiary Risk  
Labels  
Packing Group  
Passenger airplane Packing Instructions  
max.  
Cargo Airplane Packing Instructions  
max.

14.4 Further information  
Product is not classified for any mode of transportation.

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**15 Regulatory information** This product requires classification according to the criteria of the "Gefahrstoffverordnung".

15.1 National regulations

15.2 NFPA Storage Class IIIB

15.3 Further information

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**16 Other information** No other information.

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*The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.*

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