

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

## Lem-oil

Version number: 1.0

First version: 2020-12-02

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

#### 1.1 Product identifier

|                                    |                         |
|------------------------------------|-------------------------|
| <b>Trade name</b>                  | <u>Lem-oil</u>          |
| <b>Registration number (REACH)</b> | Not relevant (mixture). |
| <b>CAS number</b>                  | not relevant (mixture)  |

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

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Relevant identified uses</b> | Guitar Fret board cleaner |
|---------------------------------|---------------------------|

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

Barnes and Mullins Ltd, Telephone: 0044 (0)1691 652449  
Unit 14, Mile Oak Ind Estate, Telefax: 0044 (0)1691 655582  
SY10 8GA Oswestry, Shropshire  
United Kingdom

**e-mail (competent person)** Mark.taylor@bandm.co.uk

#### 1.4 Emergency telephone number

As above or nearest toxicological information centre.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

| Classification |   |          |                           |                  |
|----------------|---|----------|---------------------------|------------------|
| Section        | Hazard class  | Category | Hazard class and category | Hazard statement |
| 3.4S           | skin sensitisation                                    | 1        | Skin Sens. 1              | H317             |
| 3.10           | aspiration hazard                                     | 1        | Asp. Tox. 1               | H304             |
| 4.1C           | hazardous to the aquatic environment - chronic hazard | 3        | Aquatic Chronic 3         | H412             |

For full text of abbreviations: see SECTION 16

#### The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

# Lem-oil

## 2.2 Label elements

### Labelling according to Regulation (EC) No 1272/2008 (CLP)

**Signal word** Danger

### Pictograms

**GHS07, GHS08**



### Hazard statements

- H304** May be fatal if swallowed and enters airways.  
**H317** May cause an allergic skin reaction.  
**H412** Harmful to aquatic life with long lasting effects.

### Precautionary statements

- P101** If medical advice is needed, have product container or label at hand.  
**P102** Keep out of reach of children.  
**P261** Avoid breathing mist/vapours/spray.  
**P280** Wear protective gloves/protective clothing/eye protection/face protection.  
**P301+P310** IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
**P302+P352** IF ON SKIN: Wash with plenty of soap and water.  
**P331** Do NOT induce vomiting.  
**P333+P313** If skin irritation or rash occurs: Get medical advice/attention.

Child-resistant fastening Yes

Tactile warning of danger Yes

**Hazardous ingredients for labelling** white mineral oil (petroleum)  
lemon, ext.

### Derogations from labelling requirements

**Labelling of packages where the contents do not exceed 125 ml & The product does have a sealed spray attachment**

**Signal word** Warning

**Hazard pictogram(s)**



### Hazard statement

- H317:** May cause an allergic skin reaction.  
**H412:** Harmful to aquatic life with long lasting effects.

# Lem-oil

## Precautionary statements

**P101:** If medical advice is needed, have product container or label at hand.

**P102:** Keep out of reach of children.

**P261** Avoid breathing mist/vapours/spray.

**P280:** Wear protective gloves/protective clothing/eye protection/face protection.

**P302+P352:** IF ON SKIN: Wash with plenty of water.

**P333+P313:** If skin irritation or rash occurs: Get medical advice/attention.

**P362+P364:** Take off contaminated clothing and wash it before reuse.

**P391:** Collect spillage.

**Contains:** Lemon, ext.

## 2.3 Other hazards

There is no additional information.

## Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.



## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture).

### 3.2 Mixtures

#### Description of the mixture

| Hazardous ingredients         |  |         |  |   |
|-------------------------------|--|---------|--|---|
| Name of substance             | Identifier                                     | Wt%     | Classification acc. to GHS   | Pictograms  |
| white mineral oil (petroleum) | CAS No<br>8042-47-5<br><br>EC No<br>232-455-8  | ≥ 90    | Asp. Tox. 1 / H304   |  |
| lemon, ext.                   | CAS No<br>84929-31-7<br><br>EC No<br>284-515-8 | 1 - < 5 | Flam. Liq. 3 / H226<br>Skin Irrit. 2 / H315<br>Skin Sens. 1 / H317<br>Asp. Tox. 1 / H304<br>Aquatic Chronic 2 / H411 |  |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Take off immediately all contaminated clothing.

In all cases of doubt, or when symptoms persist, seek medical advice.

# Lem-oil

---

## **Following inhalation**

Provide fresh air.

Mouth to mouth resuscitation should be avoided. Use alternative methods, preferably with oxygen or compressed air driven apparatus.

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions.

## **Following skin contact**

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

## **Following eye contact**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

## **Following ingestion**

Rinse mouth. Do not induce vomiting.

Get medical advice/attention if you feel unwell.

Call a physician in any case.

## **Notes for the doctor**

None.

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

Death following aspiration.

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

None.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO<sub>2</sub>)

#### **Unsuitable extinguishing media**

water jet

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

Hazardous decomposition products: Section 10.

### **5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

Co-ordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

#### **Special protective equipment for firefighters**

use suitable breathing apparatus

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Remove persons to safety.

Ventilate affected area.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

#### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water.

Retain contaminated washing water and dispose of it.

If substance has entered a water course or sewer, inform the responsible authority.

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

#### Advice on how to clean up a spill

Collect spillage.

Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

#### Appropriate containment techniques

Use of adsorbent materials.

#### Other information relating to spills and releases

Place in appropriate containers for disposal.

Ventilate affected area.

### 6.4 Reference to other sections

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.

Keep away from sources of ignition - No smoking.

#### Specific notes/details

None.

#### Measures to protect the environment

Avoid release to the environment.

# Lem-oil

## Advice on general occupational hygiene

Do not eat, drink and smoke in work areas.

Wash hands after use.

Preventive skin protection (barrier creams/ointments) is recommended.

Remove contaminated clothing and protective equipment before entering eating areas.

## 7.2 Conditions for safe storage, including any incompatibilities

### Flammability hazards

None.

### Incompatible substances or mixtures

Incompatible materials: see section 10.

### Protect against external exposure, such as

heat

### Consideration of other advice

Keep away from food, drink and animal feeding stuffs.

### Ventilation requirements

Provision of sufficient ventilation.

### Packaging compatibilities

Keep only in original container.

## 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

| Relevant DNELs of components of the mixture |           |           |                         |                                    |                               |                            |
|---|-----------|-----------|-------------------------|------------------------------------|-------------------------------|----------------------------|
| Name of substance                           | CAS No    | End-point | Threshold level         | Protection goal, route of exposure | Used in                       | Exposure time              |
| white mineral oil (petroleum)               | 8042-47-5 | DNEL      | 164.6 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry)             | chronic - systemic effects |
| white mineral oil (petroleum)               | 8042-47-5 | DNEL      | 217.1 mg/kg bw/day      | human, dermal                      | worker (industry)             | chronic - systemic effects |
| white mineral oil (petroleum)               | 8042-47-5 | DNEL      | 34.78 mg/m <sup>3</sup> | human, inhalatory                  | consumer (private households) | chronic - systemic effects |
| white mineral oil (petroleum)               | 8042-47-5 | DNEL      | 93.02 mg/kg bw/day      | human, dermal                      | consumer (private households) | chronic - systemic effects |

# Lem-oil

| Relevant DNELs of components of the mixture |            |           |                        |                                    |                               |                            |
|---|------------|-----------|------------------------|------------------------------------|-------------------------------|----------------------------|
| Name of substance                           | CAS No     | End-point | Threshold level        | Protection goal, route of exposure | Used in                       | Exposure time              |
| white mineral oil (petroleum)               | 8042-47-5  | DNEL      | 25 mg/kg bw/day        | human, oral                        | consumer (private households) | chronic - systemic effects |
| lemon, ext.                                 | 84929-31-7 | DNEL      | 23.3 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry)             | chronic - systemic effects |
| lemon, ext.                                 | 84929-31-7 | DNEL      | 6.67 mg/kg bw/day      | human, dermal                      | worker (industry)             | chronic - systemic effects |
| lemon, ext.                                 | 84929-31-7 | DNEL      | 5.8 mg/m <sup>3</sup>  | human, inhalatory                  | consumer (private households) | chronic - systemic effects |
| lemon, ext.                                 | 84929-31-7 | DNEL      | 3.33 mg/kg bw/day      | human, dermal                      | consumer (private households) | chronic - systemic effects |
| lemon, ext.                                 | 84929-31-7 | DNEL      | 3.33 mg/kg bw/day      | human, oral                        | consumer (private households) | chronic - systemic effects |

| Relevant PNECs of components of the mixture |            |          |                 |                              |
|---|------------|----------|-----------------|------------------------------|
| Name of substance                           | CAS No     | Endpoint | Threshold level | Environmental compartment    |
| lemon, ext.                                 | 84929-31-7 | PNEC     | 5.4 µg/l        | freshwater                   |
| lemon, ext.                                 | 84929-31-7 | PNEC     | 0.54 µg/l       | marine water                 |
| lemon, ext.                                 | 84929-31-7 | PNEC     | 2.1 mg/l        | sewage treatment plant (STP) |
| lemon, ext.                                 | 84929-31-7 | PNEC     | 1.3 mg/kg       | freshwater sediment          |
| lemon, ext.                                 | 84929-31-7 | PNEC     | 0.13 mg/kg      | marine sediment              |
| lemon, ext.                                 | 84929-31-7 | PNEC     | 0.29 mg/kg      | soil                         |

## 8.2 Exposure controls

### Appropriate engineering controls

General ventilation.

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Wear eye/face protection.

# Lem-oil

## Hand protection

| Protective gloves        |                          |  |
|--------------------------|--------------------------|--|
| Material                 | Material thickness       | Breakthrough times of the glove material |
| no information available | no information available | no information available                 |

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

## Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## Environmental exposure controls

Use appropriate container to avoid environmental contamination.

Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                 |                                     |
|-----------------|-------------------------------------|
| Physical state  | Liquid                              |
| Form            | Fluid                               |
| Colour          | These information are not available |
| Odour           | These information are not available |
| Odour threshold | These information are not available |

#### Other safety parameters

|   |                                     |
|---|-------------------------------------|
| pH (value)                              | Not determined                      |
| Melting point/freezing point            | These information are not available |
| Initial boiling point and boiling range | These information are not available |
| Flash point                             | These information are not available |
| Evaporation rate                        | These information are not available |
| Flammability (solid, gas)               | Not relevant<br>(fluid)             |

#### Explosive limits

|                             |                                     |
|-----------------------------|-------------------------------------|
| Lower explosion limit (LEL) | These information are not available |
|-----------------------------|-------------------------------------|



## Lem-oil

|   |                                      |
|---|--------------------------------------|
| Upper explosion limit (UEL)                   | These information are not available  |
| Vapour pressure                               | These information are not available  |
| Density                                       | These information are not available  |
| Vapour density                                | These information are not available  |
| Relative density                              | These information are not available  |
| <b>Solubility(ies)</b>                        |                                      |
| Water solubility                              | Not miscible in any proportion       |
| <b>Partition coefficient</b>                  |                                      |
| n-octanol/water (log KOW)                     | These information are not available  |
| Auto-ignition temperature                     | These information are not available  |
| Relative self-ignition temperature for solids | Not relevant<br>(Fluid)              |
| Decomposition temperature                     | These information are not available  |
| <b>Viscosity</b>                              |                                      |
| Kinematic viscosity                           | These information are not available  |
| Dynamic viscosity                             | These information are not available  |
| Explosive properties                          | Not explosive                        |
| Oxidising properties                          | Shall not be classified as oxidising |

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5 Incompatible materials

There is no additional information.

# Lem-oil

## 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Classification procedure

If not otherwise specified the classification is based on:  
Ingredients of the mixture (additivity formula).

#### Classification according to GHS (1272/2008/EC, CLP)

#### Acute toxicity

Test data are not available for the complete mixture.  
Shall not be classified as acutely toxic (oral).  
Shall not be classified as acutely toxic (dermal).

#### Inhalation.

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

| Acute toxicity of components of the mixture |            |                       |           |               |         |                    |        |               |
|---|------------|-----------------------|-----------|---------------|---------|--------------------|--------|---------------|
| Name of substance                           | CAS No     | Exposure route        | End-point | Value         | Species | Method             | Source | Notes         |
| white mineral oil (petroleum)               | 8042-47-5  | oral                  | LD0       | >5,000 mg/kg  | rat     | OECD Guideline 401 | ECHA   | read - across |
| white mineral oil (petroleum)               | 8042-47-5  | dermal                | LD0       | >2,000 mg/kg  | rabbit  | OECD Guideline 402 | ECHA   | read - across |
| white mineral oil (petroleum)               | 8042-47-5  | inhalation: dust/mist | LC0       | >5 mg/l/4h    | rat     | OECD Guideline 403 | ECHA   | read - across |
| lemon, ext.                                 | 84929-31-7 | oral                  | LD0       | >5,000 mg/kg  | rat     | OECD Guideline 401 | ECHA   |               |
| lemon, ext.                                 | 84929-31-7 | dermal                | LD50      | >10,000 mg/kg | rabbit  | OECD Guideline 402 | ECHA   |               |

#### Skin corrosion/irritation

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Serious eye damage/eye irritation**

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Respiratory or skin sensitisation**

### **Skin sensitisation**

May cause an allergic skin reaction.

### **Respiratory sensitisation**

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Germ cell mutagenicity**

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Carcinogenicity**

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Reproductive toxicity**

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Specific target organ toxicity - single exposure**

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Specific target organ toxicity - repeated exposure**

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## **Aspiration hazard**

May be fatal if swallowed and enters airways.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Aquatic toxicity (acute)**

Test data are not available for the complete mixture.  
Based on available data, the classification criteria are not met.

#### **Aquatic toxicity (acute) of components of the mixture**

# Lem-oil

| Name of substance             | CAS No     | Endpoint | Value     | Species                                 | Method             | Source | Notes       | Exposure time |
|-------------------------------|------------|----------|-----------|---|--------------------|--------|-------------|---------------|
| white mineral oil (petroleum) | 8042-47-5  | LL50     | >100 mg/l | rainbow trout (Oncorhynchus mykiss)     | OECD Guideline 203 | ECHA   |             | 96 h          |
| white mineral oil (petroleum) | 8042-47-5  | LL50     | >100 mg/l | daphnia magna                           | OECD Guideline 202 | ECHA   |             | 48 h          |
| lemon, ext.                   | 84929-31-7 | LL50     | 5.65 mg/l | zebra fish (Danio rerio)                | OECD Guideline 203 | ECHA   | read-across | 96 h          |
| lemon, ext.                   | 84929-31-7 | EL50     | 1.1 mg/l  | daphnia magna                           | OECD Guideline 202 | ECHA   | read-across | 48 h          |
| lemon, ext.                   | 84929-31-7 | EL50     | 8 mg/l    | algae (pseudokirchneriella subcapitata) | OECD Guideline 201 | ECHA   | read-across | 72 h          |

## Aquatic toxicity (chronic)

Harmful to aquatic life with long lasting effects.

Test data are not available for the complete mixture.

## Other information

| Name of substance             | CAS No    | Endpoint | Value        | Species        | Method | Source | Exposure time |
|-------------------------------|-----------|----------|--------------|----------------|--------|--------|---------------|
| white mineral oil (petroleum) | 8042-47-5 | LOEL     | <2,000 mg/kg | microorganisms |        | ECHA   | 93 d          |

## 12.2 Persistence and degradability

### Biodegradation

No data available.

### Persistence

No data available.

## 12.3 Bioaccumulative potential

Test data are not available for the complete mixture.

### Bioaccumulative potential of components of the mixture

| Name of substance | CAS No     | BCF      | Log KOW    |
|-------------------|------------|----------|------------|
| lemon, ext.       | 84929-31-7 | 66 – 258 | 3.33 – 6.3 |

# Lem-oil

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## 12.6 Other adverse effects

Data are not available.

### Remarks

Wassergefährdungsklasse, WGK (water hazard class): 3

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

This material and its container must be disposed of as hazardous waste.

#### Sewage disposal-relevant information

Do not empty into drains.

#### Waste treatment of containers/packagings

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

### Remarks

Please consider the relevant national or regional provisions.

## SECTION 14: Transport information

|      |  |                                      |
|------|--|--------------------------------------|
| 14.1 | UN number  | Not subject to transport regulations |
| 14.2 | UN proper shipping name  | -                                    |
| 14.3 | Transport hazard class(es)   | -                                    |
| 14.4 | Packing group  | -                                    |
| 14.5 | Environmental hazards  | -                                    |
| 14.6 | Special precautions for user                                       | -                                    |
| 14.7 | Transport in bulk according to Annex II of MARPOL and the IBC Code | -                                    |

# Lem-oil

## SECTION 15: Regulatory information

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

#### Relevant provisions of the European Union (EU)

#### Restrictions according to REACH, Annex XVII

| Dangerous substances with restrictions (REACH, Annex XVII) |  |        |             |
|--|--|--------|-------------|
| Name of substance  | Name acc. to inventory   | CAS No | Restriction |
| Lem-oil  | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC |        | R3          |
| lemon, ext.  | flammable / pyrophoric   |        | R40         |

#### Legend

- R3
1. Shall not be used in:
    - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
    - tricks and jokes,
    - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
  2. Articles not complying with paragraph 1 shall not be placed on the market.
  3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
    - can be used as fuel in decorative oil lamps for supply to the general public, and,
    - present an aspiration hazard and are labelled with R65 or H304,
  4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
  5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
    - (a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010, 'Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage';
    - (b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage';
    - (c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
  6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.
  7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.

# Lem-oil

## Legend

- R40
1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:
    - metallic glitter intended mainly for decoration,
    - artificial snow and frost,
    - 'whoopee' cushions,
    - silly string aerosols,
    - imitation excrement,
    - horns for parties,
    - decorative flakes and foams,
    - artificial cobwebs,
    - stink bombs.
  2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:  
'For professional users only'.
  3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC (2).
  4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

## List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

None of the ingredients are listed.

## Seveso Directive

Not assigned.

## Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

None of the ingredients are listed.

## Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

None of the ingredients are listed.

## Regulation 648/2004/EC on detergents

| Labelling of contents |                        |
|-----------------------|------------------------|
| Wt%                   | Constituents           |
| ≥30%                  | aliphatic hydrocarbons |

## Water Framework Directive (WFD)

None of the ingredients are listed.

## Regulation 98/2013/EU on the marketing and use of explosives precursors

None of the ingredients are listed.

## Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

# Lem-oil

## Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC)

None of the ingredients are listed.

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.  
Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Abbreviations and acronyms

| Abbr.           | Descriptions of used abbreviations  |
|-----------------|---|
| ADN             | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR             | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)                                       |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic hazard   |
| Asp. Tox.       | Aspiration hazard   |
| BCF             | Bioconcentration factor   |
| CAS             | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)  |
| CLP             | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  |
| DGR             | Dangerous Goods Regulations (see IATA/DGR)  |
| DNEL            | Derived No-Effect Level   |
| EC No           | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)                                     |
| EINECS          | European Inventory of Existing Commercial Chemical Substances   |
| EL50            | Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms  |
| ELINCS          | European List of Notified Chemical Substances   |
| Flam. Liq.      | Flammable liquid  |
| GHS             | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations   |
| IATA            | International Air Transport Association   |
| IATA/DGR        | Dangerous Goods Regulations (DGR) for the air transport (IATA)  |
| IMDG            | International Maritime Dangerous Goods Code   |
| index No        | The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008  |



# Lem-oil

| Abbr.       | Descriptions of used abbreviations  |
|-------------|---|
| LD50        | Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval  |
| LL50        | Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality  |
| LOEL        | Lowest Observed Effect Level  |
| log KOW     | n-Octanol/water   |
| MARPOL      | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")   |
| NLP         | No-Longer Polymer   |
| PBT         | Persistent, Bioaccumulative and Toxic   |
| PNEC        | Predicted No-Effect Concentration   |
| REACH       | Registration, Evaluation, Authorisation and Restriction of Chemicals  |
| RID         | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| Skin Corr.  | Corrosive to skin   |
| Skin Irrit. | Irritant to skin  |
| Skin Sens.  | Skin sensitisation  |
| SVHC        | Substance of Very High Concern  |
| vPvB        | Very Persistent and very Bioaccumulative  |

## Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.  
Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

## Classification procedure

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text  |
|------|---|
| H226 | Flammable liquid and vapour.                  |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation.                       |
| H317 | May cause an allergic skin reaction.          |

# Lem-oil

---

| Code | Text   |
|------|--|
| H411 | Toxic to aquatic life with long lasting effects.   |
| H412 | Harmful to aquatic life with long lasting effects. |

## Responsible for the safety data sheet

C.S.B. GmbH  
Düsseldorfer Str. 113  
47809 Krefeld, Germany

Telephone: +49 (0) 2151 - 652086 - 0  
Telefax: +49 (0) 2151 - 652086 - 9  
e-Mail: [info@csb-online.de](mailto:info@csb-online.de)  
Website: [www.csb-online.de](http://www.csb-online.de)

## Disclaimer

This information is based upon the present state of our knowledge.  
This SDS has been compiled and is solely intended for this product.