### SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

#### 1.1 Product identifier

<table>
<thead>
<tr>
<th>Product name:</th>
<th>LINSEED OIL VARNISH P 6420</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration number:</td>
<td>not defined</td>
</tr>
</tbody>
</table>

#### 1.2 Relevant identified uses of the product and uses advised against

<table>
<thead>
<tr>
<th>Uses advised:</th>
<th>thinner for varnish paints and oil-based putties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses advised against:</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

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

**Producer:** BARVY A LAKY TELURIA, s.r.o.  IČ (CRN): 43420371  
č.p. 1, 679 61 Skrčov, Czech Republic  
Tel: +420 516 474 211 - available within working hours 7.00 a.m. – 3.00 p.m.  
Fax: +420 516 474 257,  
e-mail: tel@teluria.cz, prodej@teluria.cz  
Http: [www.teluria.cz](http://www.teluria.cz)

E-mail of a qualified person responsible for the PSDS: tel@teluria.cz

#### 1.4 Emergency telephone number

Toxikologické informační středisko (POISON CENTER), Na Bojišti 1, 128 08 Praha 2  
Tel: +420 224 919 293 or +420 224 915 402 - 24hr. service

### SECTION 2: HAZARDS IDENTIFICATION

**Classification of the mixture:** The mixture is not classified as hazardous within the meaning of Regulation (EC) No. 1272/2008.

#### 2.1 Classification of the substance or mixture

*Product definition:* mixture  
The mixture is not classified as hazardous within the meaning of Regulation (EC) No. 1272/2008.

#### 2.2 Label elements

- **substances contributing to the classification:** none
- **Hazard pictograms:** not required
- **Signal word:** not required
- **Hazard statements (H-phrases):** not required
- **Supplemental information:** not required
- **Precautionary statements (P-phrases):** not required

*Recommended labelling:*  
P102 Keep out of reach children.
**PRODUCT SAFETY DATA SHEET**

**BARRY A LAKY TELURIA, s.r.o.**

Date of issue: 31.5.2013  |  Revised: 23.2.2017  |  Version: 2.0  |  Sheet 2/9

**Product name:** LINSEED OIL VARNISH  P 6420

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**2.3 Other hazards:**

Neither the mixture nor its components are classified as PBT (Persistent, Bioaccumulative and Toxic) or vPvB (very Persistent and very Bioaccumulative) as of the date of publication of this Safety Data Sheet. Substances are neither listed in Annex XIV of REACH nor on the REACH candidate list.

Avoid contact with skin and eyes. Absorbent materials of organic origin (cotton, fabrics, paper, dust, wood shavings, etc.) soaked with varnish may, under certain circumstances, self-ignite.

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**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Linseed oil with desiccant. Content of sensitizing substances < 0.1%. Content of the gasoline (petroleum) fraction, heavy hydrodesulphurised (mineral spirit) < 1%

**3.1 Substances**

not applicable

**3.2 Mixtures**

The mixture does not contain hazardous materials / substances with exposure limits / persistent, bioaccumulative and toxic or very persistent and very bioaccumulative.

---

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

Follow the safety instructions on the labelling. In the occurrence of health problems or in the case of uncertainty immediately contact the doctor and provide him with data from this material safety data sheet. When the person is unconscious, place her/him into the recovery position and monitor the breathing, protect from hypothermia. Never give an unconscious person any liquids. If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 158 or 112 and give immediate treatment (first aid).

Inhalation:  Remove the affected person to fresh air, keep at rest and protect from hypothermia. When problems persist, seek medical attention. In suspected penetration of liquid into the lungs, call a doctor immediately.

Skin contact:  Remove contaminated clothing immediately and wash skin thoroughly with soap and plenty of water. When problems persist, seek medical attention.

Eye contact:  Rinse wide open eyes with clean water for 10 to 15 minutes. Remove contact lenses if present and easy to do. When persistent eye irritation, seek medical attention.

Ingestion:  If swallowed, rinse mouth and drink ca. 0.5 l water (but only if the affected person is conscious); do not induce vomiting! In case of spontaneous vomiting: avoid inhalation of a vomit. Seek doctor immediately and show this material safety data sheet or label of the product.

**4.2 Most important symptoms and effects, both acute and delayed**
It is not expected to have any adverse health effects. Temporarily may cause slightly skin irritation. Inhalation of vapours at high concentrations can lead to light irritation of mucous membranes and respiratory system.

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

Not specified, no immediate medical treatment required.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

| Suitable extinguishing media: | powder, CO₂, foam (light, medium, heavy) |
| Unsuitable extinguishing media: | direct flow of water |

#### 5.2 Special hazards arising from the mixture

Flammable liquid IV. hazard classes. Thermal decomposition at high temperatures or incomplete combustion formation of toxic, irritant and flammable degradation products (carbon monoxide, soot, aldehydes and other decomposition of organic matter).

#### 5.3 Advice for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**For workers apart from emergency teams:** Avoid inhalation of vapour, prevent skin and eye contact. Wear appropriate protective clothing and gloves. Wear eye protection and face shield if necessary. Use suitable respiratory protection.

In closed spaces, ensure fresh air supply. Eliminate all ignition sources.

No smoking and no open fire. Keep unnecessary personnel away.

**For members of emergency teams:** Use appropriate personal protective equipment – protective clothing with antistatic finish and impermeable work shoes. Treat unprotected skin with barrier cream. Anti-chemical protective gloves. For short-time exposure or low concentration, use respirator with organic vapour and dust filter (protection level A/P2); for high concentration and long-term exposure, self-contained respirator is necessary.

#### 6.2 Environmental precautions

Avoid release to the environment (surface and ground water, soil). Prevent entrance to sewerage system, explosion hazard.

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

**Leakage to soil:** Collect the product, apply suitable sorbent /vapex, sand, soil, sawdust/ and store in a disposal vessel. Clean the contaminated area.

#### 6.4 Reference to other sections

For other information see Sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

**7.1.1. General health measures**

Use the product after due familiarization with its hazard characteristics and proper training or training in its safe use. Do not eat, drink, smoke on the site. Wash your hands and other contaminated parts of body by soap and water before...
eating and after the use of product is finished. Abide by requirements on personal hygiene when working with hazardous chemical products.

Use technical equipment on the site to control human and environment exposure. Regularly inspect the equipment, ensure cleaning, timely maintenance and permanent functionality. When working, use the recommended personal protective equipment listed in 8.2 of the Safety Data Sheet and in Annex to the Safety Data Sheet. Keep the protective clothing and protective equipment sound and clean. Immediately replace the damaged protective aids for sound ones. Keep the site, tools and aids clean and in sound state.

On the site, keep the product in labelled containers or tanks. Store product waste and wastes contaminated by the product in suitable and properly labelled vessels located on designated marked and protected places. Ensure long-term storing of wastes containing the product outside the site.

7.1.2. Fire precautions
When using the product, prevent potential ignition or explosion of the mixture of product vapour and air caused by contact with open flame, sparks, extremely hot surfaces, electrostatic discharges. Do not smoke on the site, use non-sparking tools. Places with increased occurrence of the vapour-air mixture need to be ventilated to prevent formation of explosive mixtures. Solvent vapours are heavier than air. The site should be protected from electrostatic discharges.

7.1.3. Environmental precautions
Handle the product on a site technically adapted to avoid accidental leakage to sewerage systems, water or soil. Product waste and wastes contaminated by the product to be disposed of as hazardous waste. Waste water contaminated by the product may only be discharged to water reservoirs after the product components are properly removed in a waste water treatment plant or in other appropriate treatment plant able to remove drifted product components from water. Do not pour the product to waste water. Emissions of solvent from point sources are subjected to control requirements acc. to air protection regulations.

7.2 Conditions for safe storage of substances and mixtures, including any incompatibilities
Store the product in properly marked, closed containers in well ventilated spaces at 5 – 25 °C. The storages must meet the requirements on storing of flammable liquids and substances hazardous for aquatic life and soil. Protect from heat, hot surfaces, sparks, open flame and other ignition sources – No smoking. Store away from oxidising substances and strong acids. Do not store with food, drinks, feed material, medicines. Storages should be protected from static electricity. First aid kit and water suitable for eye rinsing should be available

7.3 Specific end use(s)
Not assessed.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTIVE EQUIPMENT

8.1 Control parameters
The product does not contain substances having permissible occupational exposure limits (OELs) and maximum permissible concentrations (MPCs) in working environment (Government Regulation No. 361/2007 Coll. as amended)

- Threshold limit values of indicators of biological exposure tests in urine (Regulation no. 107/2013 Coll.)


- DNEL and PNEC values of product components, adopted from raw materials' Safety Data Sheets:

8.2 Exposure controls
General safety and hygienic measures. When working, do not eat, drink, smoke. Before the break and after the work, hands should be washed with soap and hot water, treated with barrier cream. Overall and local ventilation, effective extraction.

Individual preventive measures including personal protective equipment
Eyes and face protection: Commonly is not used. Protective goggles (conforming to EN 166) if the risk of eye contact. Skin protection: Protective working clothes; treat unprotected skin with barrier cream.
Hand protection: Protective gloves complying with EN 374. The preferred material: oil resistance. Suitable material: nitrile rubber, natural rubber.

Airways protection: With sufficient ventilation not needed. Crash, fire, high concentration - use respirator.

Environmental exposure controls
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method / conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and physical state:</td>
<td>liquid</td>
<td>-</td>
</tr>
<tr>
<td>Colour:</td>
<td>yellow-brown to brown-red</td>
<td>-</td>
</tr>
<tr>
<td>Odour:</td>
<td>characteristic for linseed oil</td>
<td>-</td>
</tr>
<tr>
<td>Odour threshold:</td>
<td>no data available</td>
<td>-</td>
</tr>
<tr>
<td>pH:</td>
<td>neutral</td>
<td>-</td>
</tr>
<tr>
<td>Freezing point:</td>
<td>no data available</td>
<td>-</td>
</tr>
<tr>
<td>Boiling point/boiling range:</td>
<td>&gt; 250°C</td>
<td>-</td>
</tr>
<tr>
<td>Flash point:</td>
<td>ca 163°C</td>
<td>-</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>no data available</td>
<td>-</td>
</tr>
<tr>
<td>Flammability:</td>
<td>no data available</td>
<td>-</td>
</tr>
<tr>
<td>Explosive properties: lower and upper explosive limits:</td>
<td>not specified</td>
<td>-</td>
</tr>
<tr>
<td>Vapour pressure:</td>
<td>no data available</td>
<td>-</td>
</tr>
<tr>
<td>Vapour density:</td>
<td>no data available</td>
<td>-</td>
</tr>
<tr>
<td>Density:</td>
<td>ca 0.93 g/cm^2</td>
<td>20°C</td>
</tr>
<tr>
<td>Solubility in water:</td>
<td>insoluble</td>
<td>-</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water:</td>
<td>no data available</td>
<td>-</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>no data available</td>
<td>-</td>
</tr>
<tr>
<td>Viscosity kinematic:</td>
<td>&gt; 20.5 mm.s^{-2}</td>
<td>40°C</td>
</tr>
<tr>
<td>Explosive properties:</td>
<td>mixture has no explosive properties</td>
<td>-</td>
</tr>
<tr>
<td>Oxidizing properties:</td>
<td>shows no oxidizing properties</td>
<td>-</td>
</tr>
</tbody>
</table>

9.2 Other information

Self-ignition temperature: > 260°C

Content of organic solvents /VOC/: 0.0 kg/kg

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No known dangerous reactions when used under standard conditions.
10.2 Chemical stability
It is stable when stored and handled under standard ambient conditions.

10.3 Possibility of hazardous reactions
Absorbent materials of organic origin (cotton, fabrics, paper, dust, wood shavings, etc.) soaked with varnish may, under certain circumstances, self-ignite.

10.4 Conditions to avoid
Temperature over 250 °C.

10.5 Incompatible materials
Strong acids, strong oxidation agents

10.6 Hazardous decomposition products
Toxic products (carbon oxides and unburned hydrocarbons) and smoke form at combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
In terms of health effects, the mixture has not been tested as a whole; the data are adopted from Safety Data Sheets of raw material suppliers. The mixture does not contain hazardous substances. Data that are not specified are currently not available.

a) Acute toxicity
Available data do not meet the criteria for classification.

Substances:

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS No.</th>
<th>LD₅₀ oral, rat</th>
<th>LC₅₀ inhalation, rat</th>
<th>LD₅₀ dermal, rabbit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linseed oil</td>
<td>68649-95-6</td>
<td>&gt; 4790 mg/kg</td>
<td>no data available</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

b) Skin corrosion / irritation
Available data do not meet the criteria for classification.

c) Serious eye damage / irritation
Available data do not meet the criteria for classification.

d) Respiratory / skin sensitisation
Available data do not meet the criteria for classification. The substances have no sensitizing effects.

e) Mutagenicity
Available data do not meet the criteria for classification. The substances have no mutagenic potential.

f) Carcinogenicity
Available data do not meet the criteria for classification. The substances have no carcinogenic potential.

g) Reproductive toxicity
Available data do not meet the criteria for classification. The substances have no reproductive potential.

h) Specific target organ toxicity / single exposure (STOT SE)
Available data do not meet the criteria for classification.

i) Specific target organ toxicity / repeated exposure (STOT RE)
Available data do not meet the criteria for classification.

j) Aspiration hazard
Available data do not meet the criteria for classification.

SECTION 12: ECOLOGICAL INFORMATION

The complete mixture has not been tested. Information on toxic effects are based on the effects of the substances, the data are taken from the safety data sheets of raw materials. The mixture is not classified as dangerous for the environment.
12.1 Toxicity
The mixture is not classified as dangerous to aquatic life.

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS</th>
<th>LC₅₀ fish /96 h</th>
<th>EC₅₀ daphnia/48h</th>
<th>EC₅₀ algae/72 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linseed oil</td>
<td>68649-95-6</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability
The product is easily biodegradable.

12.3 Bio-accumulative potential
Not specified.

12.4 Mobility in soil
Not specified.

12.5 Results of PBT and vPvB assessments
The product does not meet criteria for classification into PBT or vPvB substances.

12.6 Other adverse effects
Not provided

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment method
Dispose of the product, contaminated materials and contaminated empty disposable containers in compliance with Act No. 185/2001 Coll., on Waste and the Amendment of some other Acts, in the wording of implementing regulations (Decree No. 93/2016 Coll., Waste Catalogue) and Act No. 477/2001 Coll., on Packing and Amendments of Some Related Acts as amended. Used, dully emptied containers should be taken to an approved packing waste handling site. Packages with product residues should be stored at a site appointed by the municipality for storing of hazardous waste or handed to a person authorised to handle hazardous waste. Recommended way of waste disposal: storing on a hazardous waste dump or incineration. Leaked product should be disposed of acc. to 6.3 and then handed to a person authorised to handle hazardous waste.

Information on classifying the waste acc. to Decree No. 93/2016 Coll., Waste Catalogue as amended
Waste oil otherwise not specified: 13 08 99*
Packing containing residues of or contaminated by dangerous substances: 15 01 10*

SECTION 14: TRANSPORT INFORMATION

The product is classified as dangerous for transport in accordance with ADR/RID/IMDG/ICAO/IATA.

14.1 UN number: -

14.2 UN proper shipping name

<table>
<thead>
<tr>
<th>Land transport  ADR/RID</th>
<th>Inland waters transport  AND/ADNR</th>
<th>See transport  IMDG</th>
<th>Air transport  ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

14.3 Transport hazard classes

<table>
<thead>
<tr>
<th>Land transport  ADR / RID</th>
<th>Inland waterways transport  AND/ADNR</th>
<th>See transport  IMDG</th>
<th>Air transport  ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Classification-Code

| -                         | -                                    | -                   | -                         |

Hazard Identification No

| -                         | -                                    | -                   | -                         |
Safety mark

- - - -

Other information

- - - -

14.4 Packing group

<table>
<thead>
<tr>
<th>Land transport ADR/RID</th>
<th>Inland waterways transport AND/ADNR</th>
<th>See transport IMDG</th>
<th>Air transport ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

14.5 Environmental hazards: no

14.6 Special precautions for users: -

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: not classified

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) of the European Parliament and of the Council No. 1907/2006 on registration, evaluation, authorisation and restriction of chemicals (REACH), on establishing a European Chemicals Agency and on implementing and related regulations


Act no. 350/2011 Coll. on chemical substances and mixtures, as amended • Act No. 185/2001 Coll., on wastes and on changes of some other acts. Ordinance No. 93/2016 Coll. Waste Catalogue • Ordinance no. 383/2001 Coll., on details of waste handling • Act No. 258/2000 Coll., on public health • Government Regulation No. 361/2007 Coll. laying down the conditions for employee health protection at work as amended • Decree No. 107/2013 Coll. laying down conditions for categorization of works, threshold limit values for indicators of biological exposure tests, conditions of sampling of biological material for biological exposure tests and requirements on reporting of works involving asbestos and biological agents • Act No. 201/2012 Coll., on air protection • Ordinance no. 415/2012 Coll., on permissible level of pollution and the identification and implementation of certain other provisions of the Clean Air Act • Act no. 477/2001 Coll., on packaging and on amendments to certain other acts, as amended • ČSN EN 374-1: 2003 Protective gloves against chemicals and micro-organisms • Act no. 224/2015 Coll., on prevention of serious accidents • Act No. 167/2008 Coll. on prevention andremedy of environmental damage • Communication No.11/2015 Sb.m.s. (ADR) • Communication No. 19/2015 Sb. m.s. (RID)

15.2 Chemical safety assessment

Chemical safety assessment was not carried out.

SECTION 16: OTHER INFORMATION

a) Changes made in the Safety Data Sheet within the revision

Revision 2nd - Revision of SDS sections acc. to Commission Regulation (EU) 2015/830

b) Key to abbreviations
**EINECS** European inventory of existing commercial chemical substances  
**ELINCS** European list of notified chemical substances  
**Exp. lim.** Exposure limit  
**TWA** Threshold Limit Value  
**OEL** Occupational Exposure Limit (Occupational Exposure Limits)  
**IOELV** Indicative occupational exposure limit value  
**MPC** Maximum permissible concentration  
**PBT** Persistent, bioaccumulative and toxic  
**vPvB** very persistent and very bioaccumulative  
**DNL** Derived No-effect Level, level of exposure to a substance above which humans should not be exposed  
**PNEC** Predicted No-effect concentration, concentration, below no adverse effects of exposure in an ecosystem are measured  
**VOC** Volatile Organic Compound  
**TOC** Total organic carbon  
**TWA** Maximum level of exposure  
**EC 50** Effective concentration at which a 50% population is affected efficiently  
**LC50** Lethal Concentration at which we can expect the death of 50% of the population  
**LD50** Lethal dose at which we can expect the death of 50% of the population  
**ICAO** International Civil Aviation Organization  
**IATA** International Air Transport Association  
**IMDG** International Maritime Dangerous Goods  
**MARPOL** International Agreement for the Prevention of Pollution from Ships  
**IBC** International regulation for the Construction and Equipment of Ships carrying Dangerous Chemicals

c) **Key literature references and sources for data used in SDS elaboration**  
For processing this SDS was used the original version of Safety Data Sheet FERMEŽ LNĚNÁ P 6420 (BARVY A LAKY TELURIA, Ltd., Czech Republic), in the version dated 23.2.2017.

d) **Methods of information evaluation for mixture classification**  

e) **List and full text of related hazard statements and precautionary statements**

f) **Training advice**  
Workers who get in contact with hazardous substances shall be informed by the organization about the effects of the substances in appropriate scope, about the ways of handling, protective measures, first aid principles, required decontamination procedures and procedures of failure and emergency removal.  
Any legal person or natural person carrying out a business handling this chemical mixture must read the data contained in this SDS and be trained on safety rules.

g) **Other information**  
Values for setting the emission limits acc. to Act. No. 201/2012 Coll. on air protection and Ordinance no. 415/2012 Coll., on permissible level of pollution and the identification and implementation of certain other provisions: in section 9 this SDS.  
The SDS was elaborated on the basis of Regulation (EC) of the European Parliament and of the Council No. 1907/2006 as amended by Regulation (EC) 2015/830 of the European Parliament and of the Council. It contains the data required for occupational health and safety and for environmental protection. The data provided correspond to the current knowledge and experience and comply with valid legal regulations. They cannot be considered a guarantee of the product suitability and usability for a particular application.

**Contact for technical information**  
Tel: +420 516 474 211, Fax: + 420 516 474 257, e-mail: tel@teluria.cz, prodej@teluria.cz, Http: www.teluria.cz