1.1 Product identifier

Oil binder Premium 30 L
Art.: 244276

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

Relevant identified uses of the substance or mixture:
Oil binder

Uses advised against:
No information available at present.

1.3 Details of the supplier of the safety data sheet

Albert Berner Deutschland GmbH, Bernerstrasse 4, 74653 Künzelsau, Germany
Phone: +49 79 40 12 10, Fax: +49 79 40 12 13 00
info@berner.de, www.berner.de

Details of the supplier of the safety data sheet see section 16 of this safety data sheet.

Qualified person's e-mail address: ProductSafety.Chemicals@berner-group.com Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:
---

Telephone number of the company in case of emergencies:
+49 (0) 221 80260 889 (09:00 – 17:00)
2.1 Classification of the substance or mixture
Classification according to Regulation (EC) 1272/2008 (CLP)
Not applicable

2.2 Label elements
Labeling according to Regulation (EC) 1272/2008 (CLP)
Not applicable

2.3 Other hazards
No vPvB substance
No PBT substance

SECTION 3: Composition/information on ingredients

3.1 Substance

<table>
<thead>
<tr>
<th>Kieselguhr, calcined</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration number (REACH)</td>
<td>--</td>
</tr>
<tr>
<td>Index</td>
<td>---</td>
</tr>
<tr>
<td>EINECS, ELINCS, NLP</td>
<td>293-303-4</td>
</tr>
<tr>
<td>CAS</td>
<td>91053-39-3</td>
</tr>
<tr>
<td>Classification according to Regulation (EC) 1272/2008 (CLP)</td>
<td>---</td>
</tr>
</tbody>
</table>

3.2 Mixture
n.a.

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.
The substances named in this section are given with their actual, appropriate classification!
For substances that are listed in appendix VI, table 3.1/3.2 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation
Remove person from danger area.
Supply person with fresh air and consult doctor according to symptoms.

Skin contact
Wash thoroughly with soap and water.
Remove contaminated clothing immediately.

Eye contact
Remove contact lenses.
Wash thoroughly for several minutes using copious water. Seek medical help if necessary.
Do not rub.
**SECTION 5: Firefighting measures**

5.1 Extinguishing media

**Suitable extinguishing media**
Product is not combustible.
Adapt to the nature and extent of fire.

**Unsuitable extinguishing media**
High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

n.d.a.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
Protective respirator with independent air supply.
According to size of fire
Full protection, if necessary.
Dispose of contaminated extinction water according to official regulations.

**SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures

Ensure sufficient supply of air.
Avoid build up of dust.
Avoid inhaling
Avoid contact with eyes.

6.2 Environmental precautions

Prevent from entering drainage system.
Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods and material for containment and cleaning up

Pick up mechanically and dispose of according to Section 13.
SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling
7.1.1 General recommendations
Avoid build up of dust.
Avoid contact with eyes.
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Observe directions on label and instructions for use.
7.1.2 Notes on general hygiene measures at the workplace
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities
Store product closed and only in original packing.
Not to be stored in gangways or stair wells.
Protect against moisture and store closed.

7.3 Specific end use(s)
No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>general dust limit</th>
<th>Content %:</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL-TWA: 10 mg/m³ (inhal. dust), 4 mg/m³ (respir. dust)</td>
<td>WEL-STEL: ---</td>
<td>---</td>
</tr>
<tr>
<td>Monitoring procedures: ---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>BMGV: ---</td>
<td>Other information: ---</td>
<td>---</td>
</tr>
</tbody>
</table>

**WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.**

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls
8.2.1 Appropriate engineering controls
Ensure good ventilation. This can be achieved by local suction or general air extraction.
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing
protection should be worn.
Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is
consumed.

Eye/face protection:
Normally not necessary.

Skin protection - Hand protection:
Normally not necessary.

Skin protection - Other:
Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working
garments).

Respiratory protection:
Normally not necessary.
If OES or MEL is exceeded.
If applicable, filter P2 (EN 143), code colour white
Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:
If applicable, these are included in the individual protective measures (eye/face protection, skin
protection, respiratory protection).

Additional information on hand protection - No tests have been performed.
In the case of mixtures, the selection has been made according to the knowledge available and the
information about the contents.
Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and
degradation into account.
Selection of a suitable glove depends not only on the material but also on other quality characteristics
and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be
tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove
manufacturer and must be observed.

8.2.3 Environmental exposure controls
No information available at present.
9.1 Information on basic physical and chemical properties

**Physical state:** Granulate  
**Colour:** Red-brown  
**Odour:** Odourless  
**Odour threshold:** Not determined  
**pH-value:** 5.5  
**Melting point/freezing point:** Not determined  
**Initial boiling point and boiling range:** Not determined  
**Flash point:** Not determined  
**Evaporation rate:** Not determined  
**Flammability (solid, gas):** Not determined  
**Lower explosive limit:** Not determined  
**Upper explosive limit:** Not determined  
**Vapour pressure:** Not determined  
**Vapour density (air = 1):** Not determined  
**Density:** Not determined  
**Bulk density:** 496 g/l  
**Solubility(ies):** Not determined  
**Water solubility:** Insoluble  
**Partition coefficient (n-octanol/water):** Not determined  
**Auto-ignition temperature:** Not determined  
**Decomposition temperature:** Not determined  
**Viscosity:** Not determined  
**Explosive properties:** Not determined  
**Oxidising properties:** Not determined

9.2 Other information

**Miscibility:** Not determined  
**Fat solubility / solvent:** Not determined  
**Conductivity:** Not determined  
**Surface tension:** Not determined  
**Solvents content:** Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity
See also Subsection 10.2 to 10.6.
The product has not been tested.

10.2 Chemical stability
See also Subsection 10.1 to 10.6.
Stable with proper storage and handling.

10.3 Possibility of hazardous reactions
See also Subsection 10.1 to 10.6.
No decomposition if used as intended.

10.4 Conditions to avoid
See also section 7.

10.5 Incompatible materials
See also section 7.
No dangerous reactions are known.
10.6 Hazardous decomposition products
See also Subsection 10.1 to 10.5.
See also section 5.2
No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Possibly more information on health effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity, by dermal route:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td></td>
<td></td>
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<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Serious eye damage/irritation:</td>
<td></td>
<td></td>
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<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation:</td>
<td></td>
<td></td>
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<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Germ cell mutagenicity:</td>
<td></td>
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<td>n.d.a.</td>
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<tr>
<td>Carcinogenicity:</td>
<td></td>
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<td></td>
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<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Reproductive toxicity:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Aspiration hazard:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>Symptoms:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
</table>

Kieselguhr, calcined
### 12.2. Persistence and degradability:

<table>
<thead>
<tr>
<th></th>
<th>Not biodegradable, mechanical precipitation possible.</th>
</tr>
</thead>
</table>

### 12.3. Bioaccumulative potential:

<table>
<thead>
<tr>
<th></th>
<th>n.d.a.</th>
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</thead>
</table>

### 12.4. Mobility in soil:

<table>
<thead>
<tr>
<th></th>
<th>n.d.a.</th>
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</thead>
</table>

### 12.5. Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th></th>
<th>n.d.a.</th>
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</thead>
</table>

### 12.6. Other adverse effects:

<table>
<thead>
<tr>
<th></th>
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</thead>
</table>

### Other information:

<table>
<thead>
<tr>
<th>Information</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOC</td>
<td></td>
</tr>
</tbody>
</table>

**DOC elimination degree (complexing organic substance)**

= 80%/28d, n.a.

### 13.1 Waste treatment methods

**For the substance / mixture / residual amounts**

Ec disposal code no.:

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

- 01 04 10 dusty and powdery wastes other than those mentioned in 01 04 07
- 01 03 08 dusty and powdery wastes other than those mentioned in 01 03 07
- 06 08 99 wastes not otherwise specified

**Recommendation:**

- Sewage disposal shall be discouraged.
- Pay attention to local and national official regulations.
- E.g. suitable incineration plant.
- E.g. dispose at suitable refuse site.

**For contaminated packing material**

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.
SECTION 14: Transport information

General statements
14.1. UN number: n.a.

Transport by road/by rail (ADR/RID)
14.2. UN proper shipping name:
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
Classification code: n.a.
LQ (ADR 2015): n.a.
14.5. Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)
14.2. UN proper shipping name:
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
Marine Pollutant: n.a
14.5. Environmental hazards: Not applicable

Transport by air (IATA)
14.2. UN proper shipping name:
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
14.5. Environmental hazards: Not applicable

14.6. Special precautions for user
Unless specified otherwise, general measures for safe transport must be followed.
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the
substance or mixture
For classification and labelling see Section 2.
Observe restrictions:
General hygiene measures for the handling of chemicals are applicable.

15.2 Chemical safety assessment
There is no chemical safety report available.

SECTION 16: Other information

Revised sections: 1 - 16
The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the
product and the constituents (specified in Section 2 and 3).
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
<th>Email</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert Berner Deutschland GmbH</td>
<td>Bernerstrasse 4</td>
<td>+49 79 40 12 10</td>
<td><a href="mailto:info@berner.de">info@berner.de</a></td>
<td><a href="http://www.berner.de">www.berner.de</a></td>
<td></td>
</tr>
<tr>
<td>Montagetechnik Berner AG</td>
<td>Kägenstraße 8</td>
<td>+41 61 71 59 222</td>
<td><a href="mailto:berner-ag@berner-ag.ch">berner-ag@berner-ag.ch</a></td>
<td><a href="http://www.berner-ag.ch">www.berner-ag.ch</a></td>
<td></td>
</tr>
<tr>
<td>Berner Gesellschaft m.b.H.</td>
<td>Industriezeile 36</td>
<td>+43 77 22 800 508</td>
<td><a href="mailto:berner@berner.co.at">berner@berner.co.at</a></td>
<td><a href="http://www.berner.co.at">www.berner.co.at</a></td>
<td></td>
</tr>
<tr>
<td>Berner Belgien NV/SA</td>
<td>Bernerstraat 1</td>
<td>+31 45 533 93 133</td>
<td>+31 455 33 92 43</td>
<td><a href="mailto:info@berner.be">info@berner.be</a></td>
<td><a href="http://www.berner.be">www.berner.be</a></td>
</tr>
<tr>
<td>Berner A/S</td>
<td>Stenholm 2</td>
<td>+45 99 36 15 00</td>
<td><a href="mailto:info@berner.dk">info@berner.dk</a></td>
<td><a href="http://www.berner.dk">www.berner.dk</a></td>
<td></td>
</tr>
<tr>
<td>Berner Montaje y Fijación, S.L.</td>
<td>P.I. &quot;La Rosa VI&quot;</td>
<td>+34 90 21 03 504</td>
<td>+34 90 21 13 190</td>
<td><a href="mailto:berner-spain@berner.es">berner-spain@berner.es</a></td>
<td><a href="http://www.berner.es">www.berner.es</a></td>
</tr>
<tr>
<td>Frimann-Berner AS</td>
<td>Holmaveien 25</td>
<td>+47 66 76 55 80</td>
<td><a href="mailto:info@berner.no">info@berner.no</a></td>
<td><a href="http://www.berner.no">www.berner.no</a></td>
<td></td>
</tr>
<tr>
<td>Berner Succ. Luxembourg</td>
<td>105, Rue des Bruyères</td>
<td>+31 45 533 93 133</td>
<td>+31 455 33 92 43</td>
<td><a href="mailto:info@berner.lu">info@berner.lu</a></td>
<td><a href="http://www.berner.lu">www.berner.lu</a></td>
</tr>
<tr>
<td>Berner Kft.</td>
<td>Táblás u. 34</td>
<td>+36 (1) 347 1059</td>
<td><a href="mailto:info@berner.hu">info@berner.hu</a></td>
<td><a href="http://www.berner.hu">www.berner.hu</a></td>
<td></td>
</tr>
<tr>
<td>Berner spol. s r.o.</td>
<td>Jinonická 80</td>
<td>+420 225 390 666</td>
<td><a href="mailto:berner@berner.cz">berner@berner.cz</a></td>
<td><a href="http://www.berner.cz">www.berner.cz</a></td>
<td></td>
</tr>
<tr>
<td>Berner, S.A.</td>
<td>Av. Amália Rodrigues,3510</td>
<td>+351 21 448 90 60</td>
<td><a href="mailto:marketing.pt@berner.pt">marketing.pt@berner.pt</a></td>
<td><a href="http://www.berner.pt">www.berner.pt</a></td>
<td></td>
</tr>
<tr>
<td>Berner Polska Sp. z o.o.</td>
<td>Ul. Puszkaraska 7J</td>
<td>+48 12 297 62 40</td>
<td>+48 12 297 62 02</td>
<td><a href="mailto:office@berner.pl">office@berner.pl</a></td>
<td><a href="http://www.berner.pl">www.berner.pl</a></td>
</tr>
</tbody>
</table>
AOX  Adsorbable organic halogen compounds
approx. approximately
Art., Art. no. Article number
ATE  Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
BCF Bioconcentration factor
BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)
BMGV Biological monitoring guidance value (EH40, UK)
BOD Biochemical oxygen demand
BSEF Bromine Science and Environmental Forum
bw body weight
CAS Chemical Abstracts Service
CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids
CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
CIPAC Collaborative International Pesticides Analytical Council
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
CMR carcinogenic, mutagenic, reproductive toxic
COD Chemical oxygen demand
CTFA Cosmetic, Toiletry, and Fragrance Association
DMEL Derived Minimum Effect Level
DNEL Derived No Effect Level
DOC Dissolved organic carbon
dw dry weight
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance
EC European Community
ECHA European Chemicals Agency
EEA European Economic Area
EEC European Economic Community
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCS European List of Notified Chemical Substances
EN European Norms
EPA United States Environmental Protection Agency (United States of America)
ERC Environmental Release Categories
ES Exposure scenario
etc. et cetera
EU European Union
EWC European Waste Catalogue
Fax. Fax number
gen. general
GHS Globally Harmonized System of Classification and Labelling of Chemicals
GWP Global warming potential
HET-CAM Hen’s Egg Test - Chorionallantoic Membrane
HGWP Halocarbon Global Warming Potential
The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.