

**LIFTKET LUBRI**

Print date: 03.12.2020

Product code: 1361008

Page 1 of 7

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

LIFTKET LUBRI

**Further trade names**

Tectrol Kettenöl K50

UFI:

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

mineral oil. Lubricating agent

**1.3. Details of the supplier of the safety data sheet**

Company name:	BayWa AG Energie
Street:	Arabellastr. 4
Place:	D-81925 München
Telephone:	+49 899222 2041
e-mail:	energie-sida@baywa.de
Internet:	www.tectrol.de/de

**1.4. Emergency telephone number:**

Giftnotruf München (DE;EN) +49 (0) 89 19240

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements****2.3. Other hazards**

PBT  
not applicable  
vPvB  
not applicable

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Lubricant, lubricants and release products

**Further Information**

No information available.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove victim out of the danger area. Take off immediately all contaminated clothing, including underwear and shoes .

**After inhalation**

No information available.

**LIFTKET LUBRI**

Print date: 03.12.2020

Product code: 1361008

Page 2 of 7

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting.  
Get medical advice/attention.

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

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

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

Frequently or prolonged contact with skin may cause dermal irritation.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

alcohol resistant foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Water spray.

**Unsuitable extinguishing media**

High power water jet.

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

Hazardous decomposition products Carbon monoxide Carbon dioxide (CO<sub>2</sub>). In case of fire and/or explosion do not breathe fumes.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Contaminated fire-fighting water must be collected separately. Do not allow to enter into soil/subsoil. Do not allow run-off from fire-fighting to enter drains or water courses.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Special danger of slipping by leaking/spilling product.  
Wear personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Handle and open container with care. Ensure adequate ventilation of the storage area.

**LIFTKET LUBRI**

Print date: 03.12.2020

Product code: 1361008

Page 3 of 7

Avoid breathing dust/fume/gas/mist/vapours/spray.

**Advice on protection against fire and explosion**

No special measures are necessary.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Protect against: frost. Keep away from heat. Protect against direct sunlight. Keep container tightly closed in a cool, well-ventilated place.

**Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

No information available.

**8.2. Exposure controls****Appropriate engineering controls**

No information available.

**Protective and hygiene measures**

Wash hands before breaks and after work. Avoid contact with skin, eyes and clothes. Protect skin by using skin protective cream. Do not put any product-impregnated cleaning rags into your trouser pockets.

When using do not eat, drink, smoke, sniff.

**Eye/face protection**

Tightly sealed safety glasses. DIN EN 166

**Hand protection**

Tested protective gloves are to be worn: EN ISO 374

Duration of wearing with permanent contact: 480 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0,7 mm.

Unsuitable material: Leather articles

Wearing time with occasional contact (splashes): 30 min.

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0,4 mm

Protect skin by using skin protective cream.

**Skin protection**

Wear suitable protective clothing. Remove contaminated, saturated clothing immediately.

**Respiratory protection**

Usually no personal respirative protection necessary. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	light brown
Odour:	characteristic

**LIFTKET LUBRI**

Print date: 03.12.2020

Product code: 1361008

Page 4 of 7

**Test method**

pH-Value:	not applicable
<b>Changes in the physical state</b>	
Initial boiling point and boiling range:	not applicable
Pour point:	<-21 °C ISO 3016
Flash point:	>260 °C DIN ISO 2592
<b>Flammability</b>	
Solid:	No data available
Gas:	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available
<b>Auto-ignition temperature</b>	
Solid:	No data available
Gas:	No data available
Vapour pressure:	No data available
Density (at 15 °C):	0,83 g/cm <sup>3</sup> DIN 51757
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.
Partition coefficient:	No data available
Viscosity / dynamic:	No data available
Viscosity / kinematic: (at 40 °C)	38 mm <sup>2</sup> /s DIN 51562
Flow time:	No data available
Solvent separation test:	No data available

**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No risks worthy of mention.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.  
Vapours may form explosive mixtures with air.

**10.4. Conditions to avoid**

No special measures are necessary.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No information available.

**SECTION 11: Toxicological information**

**LIFTKET LUBRI**

Print date: 03.12.2020

Product code: 1361008

Page 5 of 7

**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**Severe effects after repeated or prolonged exposure**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

No information available.

**Further information**

No information available.

**SECTION 12: Ecological information****12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

Not readily biodegradable (according to OECD criteria)

Product is partially biodegradable. Significant residues remain.

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

PBT

not applicable

vPvB

not applicable

**12.6. Other adverse effects**

No data available

**Further information**

Do not allow to enter into surface water or drains.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Collect in closed containers for disposal. Do not allow to enter into surface water or drains.

## LIFTKET LUBRI

Print date: 03.12.2020

Product code: 1361008

Page 6 of 7

Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

**List of Wastes Code - residues/unused products**

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

**List of Wastes Code - used product**

130207 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; readily biodegradable engine, gear and lubricating oils; hazardous waste

**List of Wastes Code - contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

**SECTION 14: Transport information****Land transport (ADR/RID)**

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

**LIFTKET LUBRI**

Print date: 03.12.2020

Product code: 1361008

Page 7 of 7

**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water hazard class (D): 2 - obviously hazardous to water

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*