

Safety data sheet

According to 1907/2006/EC, Article 31

Printed: 17.09.2019

Version 9

Reviewed: 16.09.2019

Lubrimax[®] Alu Quick

* Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **Lubrimax[®] Alu Quick**

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

Relevant identified uses: Lubricant

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

1.3 Details of the supplier of the safety data sheet

Manufacturer / supplier

Steidle GmbH

D-51371 Leverkusen, Röttgerweg 12, Germany

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www.steidle-gmbh.de

Informing: Dept. Technic

1.4 Emergency telephone number:

Code: 9761632

* Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 4 H413 May cause long lasting harmful effects to aquatic life.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GHS regulation.

Hazard pictograms



GHS08

Signal word Danger

Hazard-determining components of labelling:

Hydrocarbons, C10-C13, <2%aromatics

Hydrocarbons, C11-C12, isoalkanes,<2%aromatics

2,2,4,6,6-Pentamethylheptane

Hazard statements

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P262 Do not get in eyes, on skin, or on clothing.

P280 Wear protective gloves / eye protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

* Section 3: Composition/information on ingredients

3.2 Mixture

Description: Mixture of the substances listed below with harmless additions.

Dangerous components:			
CAS: 64771-72-8 EC number: 929-018-5 Reg.nr.: 01-2119475608-26	Hydrocarbons, C10-C13, <2%aromatics	Asp. Tox. 1, H304	25-50%
CAS: 90622-57-4 EC number: 918-167-1 Reg.nr.: 01-2119472146-39	Hydrocarbons, C11-C12, isoalkanes,<2%aromatics	Asp. Tox. 1, H304; Aquatic Chronic 4, H413	25-50%
CAS: 13475-82-6 EINECS: 236-757-0 Reg.nr.: 01-2119490725-29	2,2,4,6,6-Pentamethylheptane	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 4, H413	10-25%

Additional information: For the wording of the listed hazard phrases refer to section 16.

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* Section 4: First aid measures

4.1 Description of first aid measures

General information	Instantly remove any clothing soiled by the product.
After inhalation	Supply fresh air.
After skin contact	Wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
After eye contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
After swallowing	Do not induce vomiting; instantly call for medical help.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Danger If swallowed or in case of vomiting, danger of entering the lungs.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam

For safety reasons unsuitable extinguishing agents

Water with a full water jet.

5.2 Special hazards arising from the substance or mixture

Carbonmonoxide (CO) and carbondioxide (CO₂)

5.3 Advice for firefighters

Protective equipment

Do not inhale explosion gases or combustion gases.
Wear self-contained breathing apparatus.
Wear full protective suit.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions: Do not allow to enter drainage system, surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections

See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

Section 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities Storage

Requirements to be met by storerooms and containers:

Store only in the original container.

Information about storage in one common storage facility:

Not required.
Store away from oxidizing agents.

Further information about storage conditions:

None.

Recommended storage temperature:

Room temperature

7.3 Specific end use(s)

No further relevant information available.

Section 8: Exposure controls/personal protection

Additional information about design of technical systems:

No further data; see item 7.

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to when handling the lubricant

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Breathing equipment:	Respiratory protection in case exceed the exposure limit value.
Protection of hand:	Protective gloves.
Material of gloves:	Nitrile rubber, NBR Recommended thickness of the material: ≥ 1 mm
Penetration time of glove material:	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. For the mixture of chemicals mentioned below the penetration time has to be at least ≥ 60 minutes (Permeation according to EN 374 Part 3: Level 3).
Not suitable are gloves made of the following materials:	Leather gloves Strong gloves
Eye protection:	Tightly sealed safety glasses.
Body protection:	Protective work clothing.

* Section 9: Physical and chemical properties:

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Colourless
Smell:	Mild
pH-value:	Not determined

Change in condition

Initial boiling point and boiling range: 190 °C

Flash point: $>62^{\circ}\text{C}$

Explosive properties: Not determined

Density at 20 °C 0.76 g/cm³

Solubility in / Miscibility with

Water: insoluble

Viscosity:

dynamic at 20 °C: 2.2-2.8 mm²/s

kinematic at 40 °C: 1.6-2 mm²/s

9.2 Other information

No further relevant information available.

Section 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

Can form explosive mixtures in air if heated above flash point.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available

10.6 Hazardous decomposition products:

None in case of appropriate storage/handling/transport.

Section 11: Toxicological information

11.1 Information on toxicological effects

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

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

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

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

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Section 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

European waste catalogue: It is not possible to state the European waste code from the CE catalogue since the classification of these codes is done according to the individual industries. Therefore several codes can be related to one product. The correct classification can be done by the user only.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

* Section 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA Not Restricted

14.2 UN proper shipping name

ADR, IMDG, IATA Not Restricted

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Not Restricted

14.4 Packing group

ADR, IMDG, IATA Not Restricted

14.5 Environmental hazards: Not Restricted

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable.

Section 15: Regulatory information

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

* Section 16 Other information:

These data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

Department issuing data specification sheet: Dept. Technic

Contact: info@steidle-gmbh.de

Abbreviations and acronyms:

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
PBT:	Persistent, Bioaccumulative and Toxic
vPvB:	very Persistent and very Bioaccumulative
Flam. Liq. 3:	Flammable liquids – Category 3
Asp. Tox. 1:	Aspiration hazard – Category 1
Aquatic Chronic 4:	Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

*= Data compared to the previous version altered