

Safety data sheet

pursuant to regulation 1907/2006 / EC, Article 31

Compilation date: 09.07.2021


Revision: 09.07.2021

Version number 8 (replaces version 7)

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

- **1.1 Product identifier**
- **Trading name:** LIGNEX GARTEN BANGIKIRAI OEL
- **UFI:** Y4K1-V0TH-M009-684E
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stage**
PW Widespread use by professional operators C
Consumer use
- **Sector of use**
SU22 Professional uses: public sector (administration, education, entertainment, services, crafts)
SU21 Consumer uses: households / general population / consumers
- **Product category** PC9a Coatings and paints, thinners, paint removers
- **Process category** PROC10 Application with rollers or brushes
- **Environmental release category**
ERC8d Widespread use of non-reactive processing aids (without inclusion in or on the surface of an article, outdoor use)
ERC8a Widespread use of non-reactive processing aids (without inclusion in or on the surface of an article, indoor use)
ERC8f Generalized use resulting in inclusion inside or on the surface of an article (outdoor use)
ERC8c Generalized use resulting in inclusion inside or on the surface of an article (indoor use)
- **Application of the substance / the preparation** Agent for treating wood.
Painting
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / supplier:**
Amonn Coatings GmbH
An der Landesbahn 7
A-2100 Korneuburg
Tel .: +43 2262 735 80 - Fax .: +43 2262 735 80-19
- **Distributor:**
JF Amonn srI / GmbH
I-39100 Bolzano / Bozen
Altmann Street 12 Altmannstraße
Tel .: +39 0471 904-911 - Fax .: +39 0471 910-449
- **Information provided by:** Email: verkauf@amonn.at
- **1.4 Emergency telephone number:**
National Institute of Health (ISS)
+ 390649906140

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.
 - **2.2 Label elements**
 - **Labeling according to Regulation (EC) No. 1272/2008**
The product is classified and labeled according to the CLP regulation.
 - **Hazard pictograms**
- 

GHS08
- **Warning** Danger
 - **Hazardous components that determine its labeling:**
Naphtha (petroleum), hydrotreated heavy
 - **Hazard statements**
H304 May be fatal if swallowed and enters airways.

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- **Precautionary advice**
- P101** If you need to consult a doctor, have the container or the label of the product available.
- P102** Keep out of reach of children. Read carefully
- P103** and follow all instructions.
- P301 + P310** IF SWALLOWED: Immediately contact a POISON CENTER / a doctor.
- P331** DO NOT induce vomiting.
- P405** Keep locked up.
- P501** Dispose of the product / container in accordance with local / regional / national / international regulations.
- **Further data:**
- EUH066** Repeated exposure may cause skin dryness or cracking.
- **2.3 Other dangers**
- **Results of PBT and vPvB assessment**
- **PBT:**Not applicable.
- **vPvB:**Not applicable.

SECTION 3: Composition / information on ingredients

- **3.2 Mixtures**
- **Description:**Mixture of the following substances with non-hazardous additives.

- **Dangerous substances:**

CAS: 64742-48-9 EC numbers: 918-481-9 Reg.nr .: 01-2119457273-39-xxxx	Naphtha (petroleum), hydrotreated heavy Asp. Tox. 1, H304, EUH066	60-80%
CAS: 1226892-45-0 EC numbers: 629-725-6	Fat ty acids C18 unsat, react ion produc ts wi th tetraethylenepentamine Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M = 10); Aquatic Chronic 1, H410 (M = 1); Skin Sens. 1A, H317	<0.5%

- **Further information:**The text of the warning of the hazards mentioned can be found in chapter 16

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General indications:**Remove any clothing contaminated by the product immediately.
- **Inhalation:**Bring to a well-ventilated area, in case of problems consult a doctor.
- **Skin contact:**Generally the product is not irritating to the skin.
- **Eye contact**
Wash with running water for several minutes holding the eyelids wide open and consult your doctor.
- **Ingestion:**Seek medical advice immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**No other information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**

No other information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing media:**
CO², powder or water spray. Extinguish large fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
No other information available.
- **5.3 Recommendations for firefighters**
- **Specific protective means:**No special measures are required.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Keep away from sources of ignition.
- **6.2 Environmental precautions:**No special measures are required.
- **6.3 Methods and materials for containment and cleaning up:** Collect the liquid with absorbent material (sand, diatomaceous earth, sawdust). Provide sufficient ventilation.
- **6.4 Reference to other sections**
For information on safe handling see Section 7.
For information on personal protective equipment, see Chapter 8. For information on disposal, see Chapter 13.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Accurate ventilation / extraction in the workplace.
- **Advice in case of fire and explosion:**No special measures are required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements for warehouses and vessels:** Store in a dry and well ventilated place, between + 5 ° C and + 40 ° C. Protect from heat and direct sunlight. Keep containers tightly closed.
- **Notes on mixed storage:**Not necessary.
- **Further information on storage conditions:**None.
- **Storage class:**10
- **7.3 Specific end uses**No other information available.

SECTION 8: Exposure / personal protection controls

- **8.1 Control parameters**
- **Components with limit values** that require monitoring at the workplace The product does not contain relevant quantities of substances whose limit values have to be monitored at the workplace.
- **Further information:**The lists valid at the date of compilation were used as a basis.
- **8.2 Exposure controls**
- **Appropriate technical checks**No further data, see point 7
- **Individual protection measures, such as personal protective equipment**
- **General protective and occupational hygiene rules:** Wash hands before breaks or at the end of work. Do not inhale gas / vapor / aerosol.
- **Respiratory protection**In insufficiently ventilated areas, use a protective mask.
- **Hand protection**
Protective gloves.
The glove material has to be impermeable and resistant to the product / the substance / the preparation.
Due to lack of tests no recommendation to the glove material of any type can be made for the product / the preparation / the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
- **Glove material**
The selection of the suitable gloves does not only depend on the material but also on other quality characteristics which vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Breakthrough time of glove material**
The exact breakthrough time has to be found out by the manufacturer of the gloves and has to be observed.
- **Eye / face protection**The use of protective goggles is recommended when pouring.

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

General indications	
Physical state	liquid
Color:	in accordance with the denomination of the characteristic product
Odor:	Undefined.
Odor threshold:	Undefined
Melting point / freezing point:	
Boiling point or initial boiling point and boiling range	180 ° C
Flammability	Not applicable.
Lower and upper explosion limit inferior:	0.6 Vol%
superior:	7 Vol%
Flash point:	63 ° C
Self-ignition temperature:	Not self-igniting product.
Decomposition temperature:	Undefined.
ph	The blend is non-polar / aprotic.
Viscosity:	
Kinematic viscosity at 20 ° C	58 - 63 s (DIN 2mm)
dynamics:	Not defined.
Solubility	
Waterfall:	little and / or not miscible
Partition coefficient n-octanol / water (logarithmic value)	Undefined.
Vapor pressure at 20 ° C:	1 hPa
Density and / or relative density	
Density at 20 ° C:	0.84 - 0.85 g / cm ³
Relative density	Not determined.
Vapor density:	Undefined.

9.2 Other information

Appearance:	
Form:	liquid
Important information on the protection of health and the environment as well as safety	
Ignition temperature:	240 ° C
Explosive properties:	Non-explosive product.
Solvent content:	
Organic solvents:	73.8%
VOC (CE)	The EU limit value for this product (cat. 1 / f): 700 g / l (2010) This product contains a maximum of 700 g / l of VOC
Solid content:	26.2%
Change of state	
Evaporation rate	Undefined.

Information relating to the classes of physical hazards

Explosives	fails
Flammable gases	fails
Aerosol	fails
Oxidizing gases	fails
Gas under pressure	fails
Flammable liquids	fails
Flammable solids	fails
Self-reactive substances and mixtures	fails
Pyrophoric liquids	fails
Pyrophoric solids	fails
Self-heating substances and mixtures	fails
Substances and mixtures which emit flammable gases in contact with water	fails
Oxidizing liquids	fails
Oxidizing solids	fails

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|---|-------|
| • Organic peroxides | fails |
| • Corrosive substances or mixtures for metals | fails |
| • Desensitized explosives | fails |

SECTION 10: Stability and reactivity

- 10.1 Reactivity No other information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to avoid:
The product does not decompose if used as directed.
- 10.3 Possibility of hazardous reactions There are no known dangerous reactions.
- 10.4 Conditions to avoid No other information available.
- 10.5 Incompatible materials: No other information available.
- 10.6 Hazardous decomposition products: There are no known dangerous decomposition products.

SECTION 11: Toxicological information

- 11.1 Information on the hazard classes defined in Regulation (EC) No. 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.

- LD / LC50 values relevant for classification:

64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral LD50 > 2,000 mg / kg (Rat (Rattus))

Dermal LD50 > 2,000 mg / kg (rab)

- Skin corrosion / skin irritation
Based on available data, the classification criteria are not met.
- Serious eye damage / eye irritation
Based on available data, the classification criteria are not met.
- Respiratory or skin sensitization
Based on available data, the classification criteria are not met.
- 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.
- Specific target organ toxicity (STOT) - single exposure Based on available data, the classification criteria are not met.
- Specific target organ toxicity (STOT) - repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard
It can be fatal if swallowed and if it enters the respiratory tract.
- 11.2 Information on other hazards

- Properties of interference with the endocrine system

None of the components are contained.

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

64742-48-9 Naphtha (petroleum), hydrotreated heavy

LL0 96 h	1,000 mg / l (fish)
LL50 96h	> 1,000 mg / l (fish)
EL0 48 h	1,000 mg / l (aquatic invertebrates)
EL0 72 h	1.000 mg / l (Alga)
EL50 48 h	> 1,000 mg / l (aquatic invertebrates)
EL50 72 h	> 1.000 mg / l (Alga)
NOELR 21 d	0.23 mg / l (aquatic invertebrates)
NOELR 28 d	0.131 mg / l (fish)

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- 12.2 Persistence and degradability No other information available.
- 12.3 Bioaccumulative potential No other information available.
- 12.4 Mobility in soil No other information available.
- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- 12.6 Properties of interference with the endocrine system
The product does not contain substances with properties harmful to the endocrinal system.
- 12.7 Other adverse effects
- Further environmental information:
- Further information:
Danger for water class 1 (D) (Self-classification): not very dangerous
Do not introduce undiluted or large quantities into groundwater, water bodies or sewers.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Advice: Do not dispose of the product with household waste. Do not enter the sewers
- European waste catalog
- 08 01 11 * waste paint and varnish containing organic solvents or other dangerous substances
- Uncleaned packaging:
- Advice: Disposal in accordance with administrative regulations.

SECTION 14: Transport information

- | | |
|--|-----------------|
| • 14.1 UN number or ID number | |
| • ADR, ADN, IMDG, IATA | fails |
| • 14.2 UN proper shipping name | |
| • ADR, ADN, IMDG, IATA | fails |
| • 14.3 Transport hazard classes | |
| • ADR, ADN, IMDG, IATA | |
| • Class | fails |
| • 14.4 Packing group | |
| • ADR, IMDG, IATA | fails |
| • 14.5 Environmental hazards | |
| • Marine pollutant: | No |
| • 14.6 Special precautions for users | Not applicable. |
| • 14.7 Sea freight in bulk in accordance with IMO acts | Not applicable. |
| • UN "Model Regulation": | fails |

SECTION 15: Regulatory information

- 15.1 Health, safety and environmental legislation and regulations specific to the substance or mixture
- REGULATION (EC) n. 1907/2006 ANNEX XVII Restrictions: 3
- Directive 2011/65 / EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II
- None of the components are contained.
- REGULATION (EU) 2019/1148
- Annex I - EXPLOSIVE PRECURSORS SUBJECT TO RESTRICTIONS (Upper limit value for the purposes of licensing pursuant to Article 5 (3))
- None of the components are contained.

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• Annex II - REPORTED EXPLOSIVE PRECURSORS

None of the components are contained.

• National regulations:**• Air technical instruction:**

Class	share in%
NC	73.9

• Water hazard class:

Class 1 water hazard (WGK1) (Self-classification): not very dangerous

• 15.2 Chemical safety assessment:

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The data are based on our current knowledge, however they do not represent any guarantee of the product characteristics and do not justify any contractual legal relationship.

• Relevant phrases**H304** It can be fatal if swallowed and if it enters the respiratory tract. It**H314** causes serious skin burns and serious eye injuries.**H317** May cause an allergic skin reaction. Causes**H318** serious eye damage.**H400** Very toxic to aquatic organisms.**H410** Very toxic to aquatic life with long lasting effects.**EUH066** Repeated exposure may cause skin dryness or cracking.**• Previous version date:09.07.2021****• Version number of the previous version:7****• Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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 Harmonized System of Classification and Labeling 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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB:

very Persistent and very Bioaccumulative

Skin Corr. 1C: Skin corrosion / irritation - Category 1C Eye Dam.

1: Serious eye damage / eye irritation - Category 1 Skin Sens.

1A: Skin sensitization - Category 1A

Asp. Tox. 1: Aspiration Hazard - Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1:

Hazardous to the aquatic environment - long-term aquatic hazard - Category 1

• * Data compared to the previous version altered

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