

Safety data sheet

according to Regulation 1907/2006 / EC, article 31

Compilation date: 23.08.2018

Version number 12

Revision: 23.08.2018

SECTION 1: Identification of the substance or company*iscela and the company /*

- **1.1 Product identifier**
- **Commercial name:** **LIGNEX LASUR**
- **1.2 Relevant identified uses of the substance or mixture and the mixture and uses advised against**
- **Sector of use:** **SU6a Wood processing and wood products**
- **Product category:** **PC9a Coatings and paints, thinners, paint removers**
- **Application of the substance / the preparation:** **Coating for wood Painting**
- **1.3 Details of the supplier of the data sheet** **safety**
- **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 srl / GmbH
I-39100 Bolzano / Bozen
Via Altmann 12 Altmannstraße
Tel.: +39 0471 904-911 - Fax.: +39 0471 910-449
- **Information provided by:** Email: verkauf@amonn.at
- **1.4 Emergency telephone number:**
Poison Control Center - Niguarda Hospital - Milan: 02/66101029

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No. 1272 / 2008**
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **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:** **fails**
- **Warning:** **fails**
- **Hazard statements**
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary advice**
P273 Do not release into the environment.
P501 Dispose of contents / container in accordance with local / regional / national / international.
- **Further data:**
EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains 3-iodo-2-propynyl butylcarbamate, E96096. It can cause a reaction allergic.
- **2.3 Other dangers**
- **Results of PBT and vPvB assessment**
- **PBT:** **Not applicable.**
- **vPvB:** **Not applicable.**

SECTION 3: Composition / information on ingredients*nti*

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

• **Dangerous substances:**

EC numbers: 918-481-9 Reg.nr.: 01-2119457273-39-xxxx	Naphtha (petroleum), hydrotreated heavy Asp. Tox. 1, H304	25-50%
EC numbers: 927-632-8 Reg.nr.: 01-2119457736-27-xxxx	Distillates (petroleum), hydrotreated light Asp. Tox. 1, H304	10-25%

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CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44	2- (2-butoxyethoxy) ethanol Eye Irrit. 2, H319	1.5-3%
CAS: 55406-53-6 EINECS: 259-627-5	3-iodo-2-propinylbutylcarbamate Acute Tox. 3, H331; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M = 10); Aquatic Chronic 1, H410 (M = 1); Acute Tox. 4, H302; Skin Sens. 1, H317	<0.5%
ELINCS: 434-430-9 Reg.nr.: 01-0000018057-71	E96096 Skin Sens. 1, H317; Aquatic Chronic 4, H413	<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 Main 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 No other information available. the mixture
- 5.3 Recommendations for firefighters of fires
- Specific protective means: No special measures are required.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures: Not necessary.
- 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.

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- Further information relating to the conditions of storage: **None.**
- Storage class: **10**
- 7.3 Specific end uses **No other information available.**

SECTION 8: Exposure controls / protection in individual

- Further information on the structure of implants technical: **No further data, see point 7**

• 8.1 Control parameters

- Components with limit values to be met under control in the workplace

112-34-5 2- (2-butoxyethoxy) ethanol (1.5-3%)

VL Short-term value: 101.2 mg / m³, 15 ppm
Long-term value: 67.5 mg / m³, 10 ppm

• DNEL

112-34-5 2- (2-butoxyethoxy) ethanol

Oral	Long-term exposure, systemic effects 5 mg / kg bw / day (Ver)	Long-term exposure, systemic effects 83 mg / kg bw / day (Arb)
Cutaneous		50 mg / kg bw / day (Ver)
Inhalation	Long-term exposure, systemic effects 67.5 mg / m ³ (Arb)	
	Long-term exposure, local effects	40.5 mg / m ³ (Ver)
		67.5 mg / m ³ (Arb)
		40.5 mg / m ³ (Ver)
	Acute, local effects	101.2 mg / m ³ (Arb)
		60.7 mg / m ³ (Ver)

E96096

By inhalation	Long-term exposure, local effects	3 mg / m ³ (Arb)
	Acute, systemic effects	18 mg / m ³ (Arb)

• PNEC

112-34-5 2- (2-butoxyethoxy) ethanol

PNEC 1.1 mg / l (freshwater)
0.11 mg / l (Marine Water)
200 mg / l (sewage treatment plant microorganisms)

PNEC 0.32 mg / kg (soil)
4.4 mg / kg (sediment, freshwater) 0.44
mg / kg (sediment, marine water)

E96096

PNEC 0.0368 mg / l (freshwater)
0.00368 mg / l (Marine Water)
10 mg / l (sewage treatment plant microorganisms)

PNEC 103.906 mg / kg (soil)
1,456 mg / kg (Sediment)

- Further information: The lists valid at the date of compilation were used as a basis.

• 8.2 Exposure controls

• Individual protective means

- General protective and occupational hygiene rules: Wash hands before breaks or at the end of work. Do not inhale gas / vapor / aerosol.

- Protective mask: In insufficiently ventilated areas, use a protective mask.

• Protective Gloves:

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 represents one more formulation

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substances, the stability of the glove material cannot 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.

• **Safety goggles:** The use of protective goggles is recommended when pouring.

SECTION 9: Physical and chemical properties

• **9.1 Information on physical and chemical properties** **fundamental**

• **General indications**

• **Appearance:**

Form:

liquid

Color:

in accordance with the denomination of the typical product

• **Odor:**

Undefined.

• **Odor threshold:**

Undefined.

• **pH values:**

Undefined.

• **Change of state**

Melting point / freezing point: Initial boiling point and boiling range:

Undefined

190 ° C

• **Flash point:**

63 ° C

• **Flammability (solid, gas):**

Not applicable.

• **Decomposition temperature:**

Undefined.

• **Self-ignition temperature:**

Not self-igniting product.

• **Explosive properties:**

Non-explosive product.

• **Flammability limits:**

lower:

0.6 Vol%

superior:

7 Vol%

• **Vapor pressure at 20 ° C:**

2.5 hPa

• **Density at 20 ° C:**

0.87 - 0.95 g / cm³

• **Relative density**

Not determined.

• **Vapor density:**

Undefined.

• **Evaporation rate**

Undefined.

• **Solubility in / Miscibility with Water:**

little and / or not miscible

• **Partition coefficient: n-octanol / water:**

Undefined.

• **Viscosity:**

dynamics:

Undefined.

kinematics at 20 ° C:

30 s (DIN 53211/4)

• **Solvent content:**

Organic solvents:

62.4%

VOC (CE)

The EU limit value for this product (cat. 1 / e): 400 g / l (2010)

This product contains a maximum of 400 g / l of VOC

Solid content:

36 - 40%

• **9.2 Other information**

No other information available.

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.

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- **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 toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD / LC50 values relevant for classification:**

Naphtha (petroleum), hydrotreated heavy g "**Oral LD50** > 2,000 mg / kg (Rat (Rattus))**Cutaneous LD50** > 2,000 mg / kg (rab)**distillates (petroleum), light «hydrotr eating "****Oral LD50** > 5,000 mg / kg (Rat (Rattus))**Cutaneous LD50** > 3,160 mg / kg (rab)**112-34-5 2- (2-butoxyethoxy) ethanol****Oral LD50** > 2,000 mg / kg (Rat (Rattus))**Cutaneous LD50** 2.700 mg / kg (Rabbit (Cuninculus))**55406-53-6 3-iodo-2-propynyl butylcarbamate****Oral LD50** 1,470 mg / kg (Rat (Rattus))**Cutaneous LD50** > 2,000 mg / kg (Rabbit (Cuninculus))**Inhalation LC50 / 4 h 0.67 mg / l (Rat (Rattus))****E96096****Oral LD50** 10,470 mg / kg (Rat (Rattus))**Cutaneous LD50** > 2,000 mg / kg (Rat (Rattus))

- **Primary irritability:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eyes:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization**
Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, 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.
- **Specific Target Organ Toxicity (STOT) - and single exposure** Based on available data, the classification criteria are not met.
- **Specific target organ toxicity (STOT) - and repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard**
Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No other information available.
- **12.2 Persistence and degradability** No other information available. No
- **12.3 Bioaccumulative potential** other information available.
- **12.4 Mobility in soil** No other information available.
- **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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No other information available.

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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
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- Uncleaned packaging:
- Advice: Disposal in accordance with administrative regulations.

SECTION 14: Transport information

- | | |
|---|-----------------|
| • 14.1 UN 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: | Not applicable. |
| • 14.6 Special precautions for users | Not applicable. |
| • 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code | Not applicable. |
| • UN "Model Regulation": | fails |

SECTION 15: Regulatory information

- 15.1 Laws and regulations on health, safety and environment specific to the substance or mixture
 - Directive 2012/18 / EU
 - Specified dangerous substances - ANNEX I None of the components are contained.
 - REGULATION (EC) n. 1907/2006 ANNEX XVII Restrictions: 3
 - National regulations:
 - Air technical instruction:
- | Class | share in% |
|-------|-----------|
| NC | 62.4 |
- 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
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled.
- H372 Causes damage to organs through prolonged or repeated exposure.

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H400 Very toxic to aquatic life.**H410 Very toxic to aquatic life with long lasting effects. H413 May be harmful to aquatic life with long lasting effects.**• **Card issued by: Technical department.**• **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 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)**DNEL:** Derived No-Effect Level (REACH) **PNEC:**Predicted No-Effect Concentration (REACH) **LC50:**

Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent**PBT:** Persistent, Bioaccumulative and Toxic **vPvB:**very Persistent and very Bioaccumulative **Acute****Tox. 4:** Acute toxicity - Category 4 **Acute Tox. 3:**

Acute toxicity - Category 3

Eye Dam. 1: Serious eye damage / eye irritation - Category 1**Eye Irrit. 2:** Serious eye damage / eye irritation - Category 2**Skin Sens. 1:** Skin sensitization - Category 1**STOT RE 1:** Specific target organ toxicity (repeated exposure) - Category 1 **Asp. Tox.****1:** Aspiration Hazard - Category 1**Aquatic Acute 1:** Hazardous to the aquatic environment - Acute hazard to the aquatic environment - Category 1 **Aquatic****Chronic 1:** Hazardous to the aquatic environment - Long term hazard to the aquatic environment - Category 1 **Aquatic****Chronic 3:** Hazardous to the aquatic environment - long-term hazard to the aquatic environment - Category 3 **Aquatic****Chronic 4:** Hazardous to the aquatic environment - long-term hazard to the aquatic environment - Category 4

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