

## SAFETY DATA SHEET

Safety data sheet according to (EC) No. 1907/2006.

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


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**1.1. Product identifier****Natural latex****1.2. Relevant identified uses of the substance or mixture and uses advised against:**

Binder

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

Leather`s Choice ApS

Mossøvej 11

Phone: +45 86 17 20 08

DK - 8240 Risskov

E-mail: mail@laederiet.dk

Responsible person for the safety data sheet (e-mail): altox@altox.dk

**1.4. Emergency telephone:**

NHS (England or Wales): Dial 111 or 0845 4647 NHS 24 (Scotland): Dial 111

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**SECTION 2: Hazards identification**


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**2.1. Classification of the substance or mixture:**

CLP (1272/2008): None

**2.2. Label elements:**

EUH210: Safety data sheet available on request.

**2.3. Other hazards:** Liquid with a little risk of allergy.

PBT/vPvB: The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

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**SECTION 3: Composition/information on ingredients**


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**3.2. Mixtures:** Latex, water and the following declarable substance:

| % w/w | Substance | CAS-no.   | EC-no.    | Index-no.    | REACH-reg. | Classification  | Note |
|-------|-----------|-----------|-----------|--------------|------------|---|------|
| 0,2   | Ammonia   | 1336-21-6 | 215-647-6 | 007-001-01-2 | -          | Skin Corr. 1B;H314<br>Eye Dam. 1;H318<br>STOT SE 3;H335<br>Aquatic Acute 1;H400 (M=1) | 1    |

1) The substance has an EU occupational exposure limit.

Wording of hazard statements - see section 16

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**SECTION 4: First-aid measures**


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**4.1. Description of first aid measures:**

Inhalation: Move the affected person to fresh air. Keep at rest. If needed: get medical attention.

Skin contact: Remove contaminated clothing and wash with soap and water. In case of rash, wound, or other skin irritation: Seek medical advice.

Eye contact: Flush with water or physiological salt water, holding eye lids open, remember to remove contact lenses, if any. If irritation persists: Seek medical advice.

Ingestion: Rinse mouth and drink plenty of water. Get medical attention

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

May cause slightly irritation of eyes, skin and the respiratory tract.

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

Show this safety data sheet to a physician or emergency ward.

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**SECTION 5: Fire-fighting measures**


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**5.1. Extinguishing media:**

Not combustible.

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

Not relevant.

**5.3. Advice for firefighters:**

When entering burning area: Wear self-contained breathing apparatus.

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## SECTION 6: Accidental release measures

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**6.1. Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment - see section 8. Ventilate area.

**6.2. Environmental precautions:**

Do not empty into drains - see section 12. Inform appropriate authorities in accordance with local regulations.

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

Mop up with a cloth or flush with water. Further handling of spillage - see section 13.

**6.4. Reference to other sections:**

See above.

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## SECTION 7: Handling and storage

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**7.1. Precautions for safe handling:**

Avoid breathing vapours and spray and contact with eyes. Avoid prolonged or repeated skin contact. After use wash with soap and plenty of water.

**7.2. Conditions for safe storage, including any incompatibilities:**

Properly sealed container, in a cool, dry and well-ventilated area. Protected from frost.

**7.3. Specific end use(s):**

See section 1.

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## SECTION 8: Exposure controls/Personal protection

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**8.1. Control parameters:**

Occupational exposure limits (EH40/2018):

| <u>Substance</u>   | <u>8-hour TWA</u> |                      | <u>15-min STEL</u> |                      | <u>Comments</u> |
|--------------------|-------------------|----------------------|--------------------|----------------------|-----------------|
| Ammonia, anhydrous | 25 ppm            | 18 mg/m <sup>3</sup> | 35 ppm             | 25 mg/m <sup>3</sup> | -               |

**8.2. Exposure controls:**

Appropriate engineering controls: None particular.

Personal protective equipment:

Inhalation: Normally not necessary.

Skin: Normally not necessary. In case of prolonged or repeated work: Wear protective gloves (EN374) e.g. of nitrile. Not latex.

Eyes: Safety goggles (EN166) when there is risk of splashes.

Environmental exposure controls: None particular.

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## SECTION 9: Physical and chemical properties

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**9.1. Information on basic physical and chemical properties:**

|  |                |
|--|----------------|
| Appearance:  | White liquid   |
| Odour:   | Ammonia        |
| Odour threshold:                                       | Not determined |
| pH:  | 11             |
| Melting point/freezing point (°C):                     | Not determined |
| Initial boiling point and boiling range (°C):          | Not determined |
| Flash point (°C):                                      | Not relevant   |
| Evaporation rate:                                      | Not determined |
| Flammability (solid, gas):                             | Not relevant   |
| Upper/lower flammability or explosive limits (vol.-%): | Not relevant   |
| Vapour pressure (hPa, 20 °C):                          | Not determined |
| Relative density (g/cm <sup>3</sup> ):                 | 0,940          |
| Solubility (in water):                                 | Miscible       |
| Partition coefficient: n-octanol/water:                | Not determined |
| Auto-ignition temperature (°C):                        | Not relevant   |
| Decomposition temperature (°C):                        | Not determined |
| Viscosity:   | Not determined |
| Explosive/oxidising properties:                        | Not relevant   |
| <b>9.2. Other information:</b>                         | None relevant  |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity:

No available data.

### 10.2. Chemical stability:

Stable under normal conditions - see section 7.

### 10.3. Possibility of hazardous reactions:

None known.

### 10.4. Conditions to avoid:

Heating >220°C and frost.

### 10.5. Incompatible materials:

Oxidisers.

### 10.6. Hazardous decomposition products:

In case of extensive heating the mixture may form hazardous decomposition product.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects:

| Hazard class          | Data (Ammonia)                      | Test     | Data source |
|-----------------------|-------------------------------------|----------|-------------|
| Acute toxicity:       |                                     |          |             |
| Inhalation            | LC <sub>50</sub> (rat) = 2 mg/l/4h  | OECD 404 | IUCLID      |
| Dermal                | LD <sub>50</sub> (rat) = 4840 mg/kg | OECD 402 | IUCLID      |
| Oral                  | LD <sub>50</sub> (rat) = 350 mg/kg  | OECD 401 | IUCLID      |
| Corrosion/irritation: | Corrosive. Rabbit                   | OECD 404 | IUCLID      |
| Sensitization:        | No sensitization, guinea pig        | GPMT     | IUCLID      |
| CMR:                  | No available/applicable data        | -        | -           |

Information on likely routes of exposure: Skin, lungs and gastrointestinal tract.

Symptoms:

Inhalation: Irritation of the respiratory tract.

Skin: May cause irritation of the skin.

Eyes: May cause irritation.

Ingestion: Latex can coagulate in the stomach. Irritating to the mouth and the gastrointestinal tract.

Chronic effects: The product contain latex. There is documentation indicating that long-term use of latex gloves can cause allergies. Use of the product leads to much smaller exposure to latex than use of latex gloves, but development of an allergy to latex in some people cannot be precluded. People with diagnosed latex allergy should not use the product.

## SECTION 12: Ecological information

### 12.1. Toxicity:

Ammonia is very toxic to aquatic organisms.

| Aquatic | Data (Ammonia)                                      | Test (Media)  | Data source |
|---------|---|---------------|-------------|
| Fish    | LC <sub>50</sub> (Cyprinus carpio, 96h) = 0,44 mg/l | OECD 203 (FW) | ECB         |
| Daphnia | LC <sub>50</sub> (Daphnia magna, 48h) = 25,4 mg/l   | OECD 203 (FW) | ECB         |
| Algae   | No available/applicable data                        | -             | -           |

### 12.2. Persistence and degradability:

No available/applicable data.

### 12.3. Bioaccumulative potential:

No available/applicable data.

### 12.4. Mobility in soil:

No available/applicable data.

### 12.5. Results of PBT and vPvB assessment:

The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

### 12.6. Other adverse effects:

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods:

Disposal should be according to local, state or national legislation. Dispose of through authority facilities or pass to chemical disposal company.

### EWC-code:

20 01 99 (mixture itself)

15 02 03 (Paper towel, inert material etc. contaminated with the mixture)

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**SECTION 14: Transport information**

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Not dangerous goods (ADR/RID/IMDG/IATA).

**14.1. UN-no.:** None.

**14.2. UN proper shipping name:** None.

**14.3. Transport hazard class(es):** None.

**14.4. Packing group:** None.

**14.5. Environmental hazards:** No.

**14.6. Special precautions for user:** None.

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

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**SECTION 15: Regulatory information**

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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

None

**15.2. Chemical Safety Assessment:**

No CSR

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**SECTION 16: Other information**

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**Hazard statement mentioned in section 3:**

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

EUH210: Safety data sheet available on request.

**Abbreviations:**

CMR = Carcinogenicity, mutagenicity and reproductive toxicity.

CSR = Chemical Safety Report

DNEL = Derived No-Effect Level

EC<sub>50</sub> = Effect Concentration 50 %

FW = Fresh Water

LC<sub>50</sub> = Lethal Concentration 50 %

LD<sub>50</sub> = Lethal Dose 50 %

NOEC = No Observed Effect Concentration

PBT = Persistent, Bioaccumulative, Toxic

PNEC = Predicted No-Effect Concentration

vPvB = very Persistent, very Bioaccumulative

**Literature:**

EPA Ecotox = US Environmental Protection Agency

ECHA= European Chemical Agency Registration dossier

IUCLID = International Uniform Chemical Database Information

RTECS = Register of Toxic Effects of Chemical Substances

**Training advice:**

No special training is required. However, the user should be well instructed in the execution of the task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

**Changes since the previous edition:**

Not relevant

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