

# Safety Data Sheet

## Leather Protection

Issued: 08/03/2025  
Version: 1.0.0

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

#### 1.1. Product identifier

**Trade name:** Leather Protection

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

**Recommended uses:** Impregnation agents.

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

##### Supplier

**Company:** Guardian Protection Products A/S  
**Address:** Knudevejen 22  
**Zip code:** 6600  
**City:** Vejen  
**Country:** DENMARK  
**Email:** guardian@guardian.dk  
**Phone:** +45 75471767  
**Fax:** +45 75471787

#### 1.4. Emergency Telephone Number

+45 75 47 17 67 (Guardian Protection Products A/S)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**CLP-classification:** Aerosol 1;H222  
Aerosol 1;H229  
STOT SE 3;H336  
Aquatic Chronic 3;H412

**Most serious harmful effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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### 2.2. Label elements

#### Pictograms



**Signal word:**

Danger

#### Contains

**Substance:**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics;

#### Hazard Statements

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

H336

May cause drowsiness or dizziness.

H412

Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P210

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

P211

Do not spray on an open flame or other ignition source.

P251

Do not pierce or burn, even after use.

P410+412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501

Dispose of contents/container in accordance with local regulation.

#### Supplemental information

EUH066

Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

Endocrine disrupting properties: None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Substance  | CAS No./ EC No./ REACH Reg. No.            | Concentration | Notes | CLP-classification  |
|--|--|---------------|-------|---|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 919-857-5<br>01-2119463258-33              | 80 - 95 %     | 3     | Flam. Liq. 3;H226<br>Asp. Tox. 1;H304<br>STOT SE 3;H336<br>EUH066                                       |
| White mineral oil (petroleum)  | 8042-47-5<br>232-455-8<br>01-2119487078-27 | 5 - 10 %      | 3     | Asp. Tox. 1;H304  |
| Carbon dioxide   | 124-38-9<br>204-696-9                      | 5 - 10 %      | 12    | Press. Gas liq. gas;H280  |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane    | 921-024-6<br>01-2119475514-35              | 3 - 5 %       | 3     | Flam. Liq. 2;H225<br>Asp. Tox. 1;H304<br>Skin Irrit. 2;H315<br>STOT SE 3;H336<br>Aquatic Chronic 2;H411 |

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Please see section 16 for the full text of H- / EUH-phrases.

3 = H304 is not applicable due to use as aerosols.

12 = The substance is included in the EU list of limit values for occupational exposure.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | Seek fresh air. Seek medical advice in case of persistent discomfort.  |
| <b>Ingestion:</b>    | Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.  |
| <b>Skin contact:</b> | Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.   |
| <b>Eye contact:</b>  | Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.   |
| <b>Burns:</b>        | Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained. |
| <b>General:</b>      | When obtaining medical advice, show the safety data sheet or label.  |

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

Inhalation of spray mist is irritating to the upper airways. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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

Treat symptoms. No special immediate treatment required.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|  |  |
|--|--|
| <b>Suitable extinguishing media:</b>   | Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock. |
| <b>Unsuitable extinguishing media:</b> | Do not use water stream, as it may spread the fire.  |

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

Heating will cause a rise in pressure in packaging with a risk of bursting. CAUTION! Aerosol containers may explode. Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

#### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

|                                     |  |
|-------------------------------------|--|
| <b>For non-emergency personnel:</b> | Stay upwind/keep distance from source. Provide adequate ventilation. Smoking and naked flames prohibited. Wear safety goggles if there is a risk of eye splash. Wear gloves. |
| <b>For emergency responders:</b>    | In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.  |

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### 6.2. Environmental precautions

Avoid unnecessary release to the environment.

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

Wipe up drops and splashes with a cloth.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Smoking and naked flames prohibited.

### 7.2. Conditions for safe storage, including any incompatibilities

To be stored safely out of reach of children and not together with food, feed, medicine and the like. Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not store with the following: Strong alkalis/ Strong oxidisers/ Strong reducing agents/ Strong acids. Store cold, but frost-free.

### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit

| Substance name | Time period | ppm  | mg/m <sup>3</sup> | Fiber/cm <sup>3</sup> | Remarks | Notation |
|----------------|-------------|------|-------------------|-----------------------|---------|----------|
| Carbon dioxide | 8h          | 5000 | 9000              |                       |         |          |

#### Measuring methods:

Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

#### Legal basis:

Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2024/869/EU. Directive 2009/148/EC (Exposure to asbestos at work) as subsequently amended. Last amended by Directive 2023/2668/EU.

#### DNEL - workers

| White mineral oil (petroleum), cas-no 8042-47-5         |                          |                   |                 |                       |      |
|---|--------------------------|-------------------|-----------------|-----------------------|------|
| Exposure  | Value                    | Assessment Factor | Dose Descriptor | Main Impact Parameter | Note |
| Inhalation DNEL (long-term exposure - systemic effects) | 164,56 mg/m <sup>3</sup> |                   |                 |                       |      |
| Dermal DNEL (long-term exposure - systemic effects)     | 217,05 mg/kg bw/day      |                   |                 |                       |      |

#### DNEL - general population

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| White mineral oil (petroleum), cas-no 8042-47-5         |                    |                   |                 |                       |      |
|---|--------------------|-------------------|-----------------|-----------------------|------|
| Exposure  | Value              | Assessment Factor | Dose Descriptor | Main Impact Parameter | Note |
| Dermal DNEL (long-term exposure - systemic effects)     | 93,02 mg/kg bw/day |                   |                 |                       |      |
| Inhalation DNEL (long-term exposure - systemic effects) | 34,78 mg/m³        |                   |                 |                       |      |
| Oral DNEL (long-term exposure - systemic effects)       | 25 mg/kg bw/day    |                   |                 |                       |      |

### 8.2. Exposure controls

|   |   |
|---|---|
| <b>Appropriate engineering controls:</b>                      | Use the product under well-ventilated conditions, preferably outdoors. Wear the personal protective equipment specified below.  |
| <b>Personal protective equipment, eye/face protection:</b>    | Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 16321.  |
| <b>Personal protective equipment, hand protection:</b>        | Wear gloves. Type of material and thickness: Nitrile rubber/ 0,11 mm. Penetration time: > 480 min. Gloves must conform to EN 374. The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier. |
| <b>Personal protective equipment, respiratory protection:</b> | In case of spraying/formation of spraying mists:<br>Light use (small volume, short term contact (below 10 min.)): Not required.<br>Medium use (medium volume, medium contact (below 2 hours)): Filter type: A/P.<br>Respiratory protection must conform to one of the following standards: EN 136/140/145.  |
| <b>Environmental exposure controls:</b>                       | Ensure compliance with local regulations for emissions.   |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| Parameter  | Value/unit                     |  |
|------------|--------------------------------|--|
| State      | Aerosol                        |  |
| Colour     | Clear                          |  |
| Odour      | Mild                           |  |
| Solubility | Solubility in water: Insoluble |  |

| Parameter  | Value/unit | Remarks |
|--|------------|---------|
| Odour threshold  | No data    |         |
| Melting point  | No data    |         |
| Freezing point   | No data    |         |
| Boiling point or initial boiling point and boiling range | No data    |         |
| Flammability   | No data    |         |
| Flammability limits                                      | No data    |         |
| Lower and upper explosion limit                          | No data    |         |
| Flash Point  | 32         |         |
| Auto-ignition temperature                                | No data    |         |
| Decomposition temperature                                | No data    |         |
| pH (solution for use)                                    | No data    |         |
| pH (concentrate)   | No data    |         |
| Kinematic viscosity                                      | No data    |         |

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|   |         |  |
|---|---------|--|
| Viscosity   | No data |  |
| Partition coefficient n-octanol/water (log value) | No data |  |
| Vapour pressure                                   | No data |  |
| Density   | No data |  |
| relative density                                  | 0.8     |  |
| Relative vapour density                           | No data |  |
| Relative density (sat. air)                       | No data |  |
| Particle characteristics                          | No data |  |

### 9.2. Other information

| Parameter                         | Value/unit | Remarks |
|-----------------------------------|------------|---------|
| VOC (Volatile organic compounds): | 80-95%     |         |

**Other Information:** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Strong alkalis/ Strong oxidisers/ Strong reducing agents/ Strong acids.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Avoid heating and contact with ignition sources. Avoid direct sunlight. Avoid temperatures >50°C.

### 10.5. Incompatible materials

Strong alkalis/ Strong oxidisers/ Strong reducing agents/ Strong acids.

### 10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity - oral:** Spray mist in mouth may irritate mucous membranes in mouth and throat. The product does not have to be classified. Test data are not available.

**Acute toxicity - dermal:** The product does not have to be classified. Test data are not available.

### Acute toxicity - inhalation

#### Carbon dioxide, cas-no 124-38-9

| Organism | Test Type | Exposure time | Value      | Conclusion | Test method | Source |
|----------|-----------|---------------|------------|------------|-------------|--------|
| Rat      | LC50      | 0,5h          | 470000 ppm |            |             |        |

The product does not have to be classified. Test data are not available for all substances.

**Skin corrosion/irritation:** Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

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The product does not have to be classified. Test data are not available.

**Serious eye damage/eye irritation:**

The product does not have to be classified. Test data are not available.

**Respiratory sensitisation or skin sensitisation:**

The product does not have to be classified. Test data are not available.

**Germ cell mutagenicity:**

The product does not have to be classified. Test data are not available.

**Carcinogenic properties:**

The product does not have to be classified. Test data are not available.

**Reproductive toxicity:**

The product does not have to be classified. Test data are not available.

**Single STOT exposure:**

Inhalation of spray mist is irritating to the upper airways. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

**Repeated STOT exposure:**

The product does not have to be classified. Test data are not available.

**Aspiration hazard:**

Inhalation of spray mist may cause chemical pneumonia. The product does not have to be classified. Test data are not available.

### 11.2. Information on other hazards

**Endocrine disrupting properties:**

None known.

**Other toxicological effects:**

None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

### 12.2. Persistence and degradability

Expected to be biodegradable.

### 12.3. Bioaccumulative potential

**Carbon dioxide, cas-no 124-38-9**

| Organism | Species | Exposure time | Test Type | Value | Conclusion                   | Test method | Source |
|----------|---------|---------------|-----------|-------|------------------------------|-------------|--------|
|          |         |               | Log Pow   | 0.83  | No bioaccumulation expected. |             |        |

Test data are not available for all substances.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

None known.

### 12.7. Other adverse effects

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None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Avoid unnecessary release to the environment.

Do not dispose of aerosol sprays in refuse collection, even when empty. The sprays must be sent to the municipal chemical waste collection facility.

Aerosol sprays: EWC code: 16 05 04\* gases in pressure containers (including halons) containing hazardous substances  
Absorbent/cloth contaminated with the product: EWC code: 15 02 02\* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances

### SECTION 14: Transport information

#### Land transport (ADR/RID)

14.1. UN number or ID number: 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2.1

Hazard label(s): 2.1

Hazard identification number:

14.4. Packing group:

14.5. Environmental hazards:

The product should not be labelled as an environmental hazard (symbol: fish and tree).

Tunnel restriction code: D

#### Inland water ways transport (ADN)

14.1. UN number or ID number: 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2.1

Hazard label(s): 2.1

Transport in tank vessels: #Not translated#

14.4. Packing group:

14.5. Environmental hazards:

The product should not be labelled as an environmental hazard (symbol: fish and tree).

#### Sea transport (IMDG)

14.1. UN number or ID number: 1950

14.2. UN proper shipping name: AEROSOLS

14.3. Transport hazard class(es): 2.1

Hazard label(s): 2.1

EmS: F-D, S-U

14.4. Packing group:

14.5. Environmental hazards:

Environmental Hazardous Substance Name(s):

The product is not a Marine Pollutant (MP).

IMDG Code segregation group: - None -

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

14.1. UN number or ID number: 1950

14.2. UN proper shipping name: AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es): 2.1

14.4. Packing group:

14.5. Environmental hazards:

The product should not be labelled as an environmental hazard (symbol: fish and tree).



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**Hazard label(s):** 2.1

### 14.6. Special precautions for user

None.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

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

**Special Provisions:** Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.  
Directive 2012/18/EU (Seveso), P3a FLAMMABLE AEROSOLS: Column 2: 150 (net) t,  
Column 3: 500 (net) t.

Covered by:  
Council Directive (EC) on the protection of young people at work.

### 15.2. Chemical Safety Assessment

| REACH Reg. No.   | Substance name   |
|------------------|--|
| 01-2119463258-33 | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| 01-2119475514-35 | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane    |
| 01-2119487078-27 | White mineral oil (petroleum)  |

## SECTION 16: Other information

### Version history and indication of changes

| Version | Revision date | Responsible | Changes |
|---------|---------------|-------------|---------|
| 1.0.0   | 08/03/2025    | JST         |         |

**Abbreviations:**  
DNEL: Derived No Effect Level  
PBT: Persistent, Bioaccumulative and Toxic  
PNEC: Predicted No Effect Concentration  
STOT: Specific Target Organ Toxicity  
UFI: Unique formula identifier.  
vPvB: Very Persistent and Very Bioaccumulative

**Other Information:** This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:** Calculation based on the hazards of the known components.

### Hazard statements

H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.

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|      |   |
|------|---|
| H229 | Pressurised container: May burst if heated.         |
| H280 | Contains gas under pressure, may explode if heated. |
| H304 | May be fatal if swallowed and enters airways.       |
| H315 | Causes skin irritation.                             |
| H336 | May cause drowsiness or dizziness.                  |
| H411 | Toxic to aquatic life with long lasting effects.    |
| H412 | Harmful to aquatic life with long lasting effects.  |

### Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

### SDS is prepared by

|           |                                      |
|-----------|--------------------------------------|
| Company:  | Bureau Veritas Solutions Denmark A/S |
| Address:  | Oldenborggade 25-31                  |
| Zip code: | 7000                                 |
| City:     | Fredericia                           |
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**Country:** EU