

Product: LUBRAX UTILE PE

SDS ID: 1002342

Revision date: 26/05/2025

SECTION 1: Identification

1.1. GHS Product identifier

| | |
|---------------|-----------------------|
| Product form | : Mixture |
| Product name | : LUBRAX UTILE PE |
| Product code | : 1002342 |
| Product group | : Produtos comerciais |

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

| | |
|-----------------|------------------|
| Recommended use | : Lubricant oil. |
|-----------------|------------------|

1.4. Supplier's details

| | |
|-----------------|--|
| Name of company | : Vibra Energia S.A. |
| Address | : Rua Correia Vasques, 250 Rio de Janeiro Brasil 20.211-140 |

| | |
|-----|--|
| SAC | : 4090 1337 ou 0800 770 1337 (capitals, metropolitan regions or other regions) |
|-----|--|

| | |
|----------------------------|------------------|
| Emergency telephone number | : 0800 024 44 33 |
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1.5. Emergency phone number

| | |
|------------------|--|
| Emergency number | : 0800 024 44 33 CAE (Emergency Support Center), for leaks, spills and other accidents that require emergency support. |
|------------------|--|

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to GHS BR (ABNT NBR 14725: 2023)

Skin sensitisation, Category 1

Specific target organ toxicity – Repeated exposure, Category 1

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2.2. GHS Label elements, including precautionary statements

GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Danger

Hazard statements (GHS BR)

: H317 - May cause an allergic skin reaction
H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS BR)

Prevention

: P260 - Do not breathe dust, fume, gas, mist, vapours or spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.

Response

: P302+P352 - IF ON SKIN: Wash with plenty of water.
P314 - Get medical advice or attention as appropriate.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

Disposal

: P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and international regulations.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | GHS Product identifier | % | Classification according to GHS BR (ABNT NBR 14725: 2023) |
|--|------------------------|---------|---|
| Distillates (petroleum), hydrotreated light naphthenic | CAS-No.: 64742-53-6 | 80 - 90 | Asp. Tox. 1, H304 |

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| Name | GHS Product identifier | % | Classification according to GHS BR (ABNT NBR 14725: 2023) |
|------------------|------------------------|---------|---|
| Additive package | - | 10 - 20 | Acute Tox. 4 (Inhalation:vapour), H332 Skin Sens. 1, H317 STOT RE 1, H372 |

Comments : The mineral oils present in the product are highly refined and contain <3% DMSO extract (IP 346).

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : People with over sensibility problems are not allowed to work or be exposed to the product.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

First-aid measures after ingestion : Do NOT induce vomiting. Rinse mouth out with water.

4.2. Most important symptoms and effects, acute and delayed

Symptoms/effects : Causes damage to organs through prolonged or repeated exposure. May cause an allergic skin reaction.

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.

Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : None under normal conditions.

4.3. Indication of any immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. dry chemical powder, foam for use in hydrocarbons, carbon dioxide (CO₂).

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Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : In case of fire and/or explosion do not breathe fumes.

Explosion hazard : No direct explosion hazard.

5.3. Special protective actions for fire-fighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities.

6.1.2. For emergency responders

Protective equipment : Self-contained breathing apparatus. Total impervious protective suits, gloves, and boots must be worn to prevent any contact with the product. Equip cleanup crew with proper protection.

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Clean contaminated surfaces with an excess of water. Absorb spilled material with sand or earth.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Precautions for safe handling | : Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. Keep only in original container. Do not handle until all safety precautions have been read and understood. |
| Hygiene measures | : Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|---------------------|---|
| Technical measures | : Store locked up. |
| Storage conditions | : Keep cool. Protect from sunlight. |
| Packaging materials | : Store always product in container of same material as original container. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit for mists/aerosols that may form while using this product:

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| Name | Mineral oil, excluding working fluids - poorly and mildly refined |
| TWA - (ACGIH, 2024) | 5 ppm |

8.2. Appropriate engineering controls

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| Appropriate engineering controls | : Ensure good ventilation of the work station. |
|----------------------------------|--|

8.3. Individual protection measures

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Nitrile rubber gloves

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Wear security glasses which protect from splashes

Skin and body protection:

Chemical resistant safety shoes. Long sleeved protective clothing. Chemical resistant apron

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Personal protective equipment symbol(s):**SECTION 9: Physical and chemical properties****9.1. Basic physical and chemical properties**

| | |
|--|-----------------------------------|
| Physical state | : Liquid |
| Appearance | : Liquid. |
| Colour | : Brown |
| Odour | : Light, Typical of lubricant oil |
| Odour threshold | : Not available |
| pH | : Not available |
| Melting point | : Not available |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flash point | : 152 °C (COC) |
| Relative evaporation rate (butylacetate=1) | : Not available |
| Flammability | : Not available |
| Explosive limits | : Not available |
| Vapour pressure | : Not available |
| Relative vapour density at 20 °C | : Not available |
| Relative density | : 0,92 (20/4 °C) |
| Density | : Not available |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |

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| | |
|--------------------------------|------------------|
| Kinematic Viscosity (40° C) | : 37,5 cSt |
| Particle size | : Not applicable |
| Particle size distribution | : Not applicable |
| Particle shape | : Not applicable |
| Particle aspect ratio | : Not applicable |
| Particle specific surface area | : Not applicable |

9.2. Data relevant with regard to physical hazard classes

No additional information available

9.3. Further safety characteristics

No additional information available

SECTION 10: Stability and reactivity

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| Chemical stability | : Stable under normal conditions of use. |
| Conditions to avoid | : Extremely high or low temperatures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Hazardous decomposition products | : No hazardous decomposition products known at room temperature. |
| Incompatible materials | : Consult supplier(s) of these materials for specific recommendations. |
| Possibility of hazardous reactions | : None under normal use. |
| Reactivity | : The product is non-reactive under normal conditions of use, storage and transport. |
| Handling temperature | : No additional information available |

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

| | |
|-----------------------------|-----------------|
| Acute toxicity (oral) | : Not available |
| Acute toxicity (dermal) | : Not available |
| Acute toxicity (inhalation) | : Not available |

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

| | |
|-----------------------|--------------|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 Inhalation - Rat | = 2,18 mg/l |

Additive package

| | |
|------------------|------------|
| ATE BR (vapours) | 11 mg/l/4h |
|------------------|------------|

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|---------------------------|-----------------|
| Skin corrosion/irritation | : Not available |
|---------------------------|-----------------|

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| | |
|-----------------------------------|---|
| Serious eye damage/irritation | : Not available |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not available |
| Carcinogenicity | : Not available |
| Reproductive toxicity | : Not available |
| STOT-single exposure | : Not available |
| STOT-repeated exposure | : Causes damage to organs through prolonged or repeated exposure. |

| Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) | |
|---|---|
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| NOAEL (dermal, rat/rabbit, 90 days) | ≈ 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study) |

| Additive package | |
|------------------------|---|
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |

| | |
|-------------------|---|
| Aspiration hazard | : Not classified. |
| Other information | : This mixture does not contain carcinogenic ingredients. The mineral oils present in the product are highly refined and contain <3% DMSO extract (IP 346). |

| LUBRAX UTILE PE | |
|----------------------------|-------------------------|
| Kinematic Viscosity (40°C) | 37,5 mm ² /s |

| Distillates (petroleum), hydrotreated light naphthenic (64742-53-6) | |
|---|--|
| Kinematic Viscosity (40°C) | 1,99 - 847 mm ² /s Temp.: '40°C' Parameter: 'mm ² /s' 'mm ² /s' |

11.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|---|
| Symptoms/effects | : Causes damage to organs through prolonged or repeated exposure. May cause an allergic skin reaction. |
| Symptoms/effects after inhalation | : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | : Cracking of the skin. Prolonged or repeated contact may cause skin to become dry. |
| Symptoms/effects after eye contact | : None under normal conditions. |
| Symptoms/effects after ingestion | : None under normal conditions. |

Product: LUBRAX UTILE PE**SDS ID: 1002342****Revision date: 26/05/2025****SECTION 12: Ecological information****12.1. Toxicity**

Hazardous to the aquatic environment, : Not available
short-term (acute)

Hazardous to the aquatic environment, : Not available
long-term (chronic)

Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

| | |
|------------------------|--------------|
| LC50 - Fish [1] | > 100 mg/l |
| EC50 - Crustacea [1] | > 10000 mg/l |
| EC50 72h - Algae [1] | > 100 mg/l |
| NOEC chronic crustacea | = 10 mg/l |

12.2. Persistence and degradability**LUBRAX UTILE PE**

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|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Hazardous to the ozone layer : Not available

SECTION 13: Disposal considerations

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|--|--|
| Regional waste regulation | : Law No. 12.305 on the National Policy on Solid Waste Management, 02 August 2010. |
| Waste treatment methods | : Must follow special treatment according to local regulation. |
| Sewage disposal recommendations | : Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations. |
| Additional information | : Do not re-use empty containers. |

SECTION 14: Transport information

In accordance with IMDG / IATA / ANTT

Product: LUBRAX UTILE PE**SDS ID: 1002342****Revision date: 26/05/2025****14.1 National and international Regulations****Overland transport**Proper Shipping Name (ANTT) : **Not applicable**

Dangerous for the environment : No

Transport by sea

UN-No. (IMDG) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Class (IMDG) : Not applicable

Subsidiary hazard (IMDG) : Not applicable

Packing group (IMDG) : Not applicable

EmS-No. (Fire) : Not applicable

EmS-No. (Spillage) : Not applicable

Special provisions (IMDG) : Not applicable

Air transport

UN-No. (IATA) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Class (IATA) : Not applicable

Subsidiary hazards (IATA) : Not applicable

Packing group (IATA) : Not applicable

Special provisions (IATA) : Not applicable

14.2 Other informations

No additional information available

SECTION 15: Regulatory information**15.1. National regulations**

Brazil Local Regulations : Norma ABNT NBR 14725.

Federal Decree no. 10.088, of 5 November 2019 - Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.

Ministerial Order no. 2.770, of 5 September 2022 - Approves the new wording of Regulatory Standard No. 26

Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials

Resolution no. 5998, of 03 November 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.

SECTION 16: Other information

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No additional information available

Safety Data Sheet (SDS), Brazil

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.