

Product: LUBRAX USIPRO 12000

SDS ID: 1014220

Revision date: 24/05/2025

## SECTION 1: Identification

### 1.1. GHS Product identifier

|               |                       |
|---------------|-----------------------|
| Product form  | : Mixture             |
| Product name  | : LUBRAX USIPRO 12000 |
| Product code  | : 1014220             |
| 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 for mill bearing |
|-----------------|----------------------------------|

### 1.4. Supplier's details

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

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

|                            |                  |
|----------------------------|------------------|
| Emergency telephone number | : 0800 024 44 33 |
|----------------------------|------------------|

### 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)

Serious eye damage/eye irritation, Category 2A

Hazardous to the aquatic environment - Chronic Hazard, Category 2

**Product: LUBRAX USIPRO 12000****SDS ID: 1014220****Revision date: 24/05/2025****2.2. GHS Label elements, including precautionary statements****GHS BR labelling**

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Warning

Hazard statements (GHS BR)

: H319 - Causes serious eye irritation

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS BR)

Prevention

: P264 - Wash hands, forearms and face thoroughly after handling.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.

Response

: P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice or attention.

P391 - Collect spillage.

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**

Comments

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

This mixture does not contain any substances to be mentioned according to ABNT NBR 14725.

**SECTION 4: First-aid measures****4.1. Description of necessary first-aid measures**

First-aid measures general

: If you feel unwell, seek medical advice.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing.

**Product: LUBRAX USIPRO 12000****SDS ID: 1014220****Revision date: 24/05/2025**

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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 serious eye irritation.

Symptoms/effects after inhalation : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing.

Symptoms/effects after skin contact : irritation (itching, redness, blistering).

Symptoms/effects after eye contact : Causes serious eye irritation. stinging. redness, itching, tears.

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 (CO<sub>2</sub>).

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.

Other information : In case of fire, corrosive and harmful gases come free.

Product: LUBRAX USIPRO 12000

SDS ID: 1014220

Revision date: 24/05/2025

## SECTION 6: Accidental release measures

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

General measures : Avoid contact with skin and eyes. May be harmful to aquatic organisms, to flora, to soil organisms. Clean up any spills as soon as possible, using an absorbent material to collect it. 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. Corrosionproof suit. Equip cleanup crew with proper protection.  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Toxic to aquatic life with long lasting effects. Do not allow product to spread into the environment. Do not allow to enter drains or water courses. 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. Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.  
Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Keep only in original container. Do not handle until all safety precautions have been read and understood.

Product: LUBRAX USIPRO 12000

SDS ID: 1014220

Revision date: 24/05/2025

Hygiene measures : Always wash hands after handling the product. Remove contaminated clothes. Do not eat, drink or smoke when using this product.

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

Technical measures : Store in tightly closed, leak-proof containers.  
Storage conditions : Keep cool. Protect from sunlight. Store in a well-ventilated place. Keep cool.  
Packaging materials : Store always product in container of same material as original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

### 8.3. Individual protection measures

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves

#### Eye protection:

Wear closed safety glasses

#### Skin and body protection:

Wear impervious rubber safety shoes

#### Respiratory protection:

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

**Product: LUBRAX USIPRO 12000****SDS ID: 1014220****Revision date: 24/05/2025****Personal protective equipment symbol(s):****SECTION 9: Physical and chemical properties****9.1. Basic physical and chemical properties**

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Physical state                                     | : Liquid              |
| Appearance                                         | : Liquid. Dark Brown. |
| Colour                                             | : Dark brown          |
| Odour                                              | : characteristic      |
| Odour threshold                                    | : Not available       |
| pH                                                 | : Not available       |
| Melting point                                      | : Not available       |
| Freezing point                                     | : Not available       |
| Boiling point                                      | : Not available       |
| Flash point                                        | : 240 °C              |
| Relative evaporation rate<br>(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                                   | : = 0,908             |
| Density                                            | : Not available       |
| Solubility                                         | : Water:              |
| Partition coefficient n-octanol/water<br>(Log Kow) | : Not available       |
| Auto-ignition temperature                          | : Not available       |
| Decomposition temperature                          | : Not available       |
| Kinematic Viscosity (40°C)                         | : = 12000 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

**Product: LUBRAX USIPRO 12000****SDS ID: 1014220****Revision date: 24/05/2025****SECTION 10: Stability and reactivity**

|                                    |                                                                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 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   | : On exposure to high temperature, may decompose, releasing corrosive gases.                                                         |
| Incompatible materials             | : Strong oxidizing agents.                                                                                                           |
| 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                                                                                                                                             |
| Skin corrosion/irritation         | : Not available                                                                                                                                             |
| Serious eye damage/irritation     | : Causes serious eye irritation.                                                                                                                            |
| Respiratory or skin sensitisation | : Not available                                                                                                                                             |
| Germ cell mutagenicity            | : Not available                                                                                                                                             |
| Carcinogenicity                   | : Not available                                                                                                                                             |
| Reproductive toxicity             | : Not available                                                                                                                                             |
| STOT-single exposure              | : Not available                                                                                                                                             |
| STOT-repeated exposure            | : Not available                                                                                                                                             |
| Aspiration hazard                 | : Not available                                                                                                                                             |
| 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 USIPRO 12000**

|                             |                            |
|-----------------------------|----------------------------|
| Kinematic Viscosity (40 °C) | = 12000 mm <sup>2</sup> /s |
|-----------------------------|----------------------------|

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

**Product: LUBRAX USIPRO 12000****SDS ID: 1014220****Revision date: 24/05/2025**

|                                     |                                                                                                                                                                         |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : Causes serious eye irritation.                                                                                                                                        |
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. |
| Symptoms/effects after skin contact | : irritation (itching, redness, blistering).                                                                                                                            |
| Symptoms/effects after eye contact  | : Causes serious eye irritation. stinging. redness, itching, tears.                                                                                                     |
| Symptoms/effects after ingestion    | : None under normal conditions.                                                                                                                                         |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                    |
|-----------------------------------------------------------|----------------------------------------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not available                                    |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |

### 12.2. Persistence and degradability

#### LUBRAX USIPRO 12000

|                               |                    |
|-------------------------------|--------------------|
| 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

|                                            |                                                                                    |
|--------------------------------------------|------------------------------------------------------------------------------------|
| 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 USIPRO 12000****SDS ID: 1014220****Revision date: 24/05/2025****14.1 National and international Regulations****Overland transport**Proper Shipping Name (ANTT) : **Not applicable**

Dangerous for the environment : Yes

**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**

---

**Product: LUBRAX USIPRO 12000**

**SDS ID: 1014220**

**Revision date: 24/05/2025**

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.