

Product: LUBRAX TOP TURBO PRO 10W-30

SDS ID: 1024955

Revision date: 22/05/2025

## SECTION 1: Identification

### 1.1. GHS Product identifier

|               |                               |
|---------------|-------------------------------|
| Product form  | : Mixture                     |
| Product name  | : LUBRAX TOP TURBO PRO 10W-30 |
| Product code  | : 1024955                     |
| 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

No additional information available

### 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)

Skin corrosion/irritation, Category 3

Serious eye damage/eye irritation, Category 2

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### 2.2. GHS Label elements, including precautionary statements

#### GHS BR labelling

Hazard pictograms (GHS BR)

:



Signal word (GHS BR)

: Warning

Hazard statements (GHS BR)

: H316 - Causes mild skin irritation

H319 - Causes serious eye irritation

Precautionary statements (GHS BR)

Prevention

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

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.

P332+P313 - If skin irritation occurs: Get medical advice or attention.

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

### 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)                                                                                               |
|-----------------------------------------------------------------------------------------|------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate | CAS-No.: 125643-61-0   | 1 - 3   | Acute Tox. 5 (Oral), H303<br>Acute Tox. 4 (Dermal), H312<br>Aquatic Chronic 4, H413                                                                     |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic                               | CAS-No.: 64742-65-0    | 0,5 - 2 | Asp. Tox. 1, H304                                                                                                                                       |
| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts           | CAS-No.: 113706-15-3   | 0,5 - 2 | Acute Tox. 5 (Oral), H303<br>Acute Tox. 5 (Dermal), H313<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |

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

## 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.  
First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch.  
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 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 : Causes mild skin irritation. Itching.  
Symptoms/effects after eye contact : May cause eye irritation.  
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.

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### 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. 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.                                                                                                                                |

## 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     | : Keep only in original container. Do not handle until all safety precautions have been read and understood. |

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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 : Keep in a cool, well-ventilated place away from heat.  
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**

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 security glasses which protect from splashes

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

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

**Personal protective equipment symbol(s):**

**Product: LUBRAX TOP TURBO PRO 10W-30****SDS ID: 1024955****Revision date: 22/05/2025****SECTION 9: Physical and chemical properties****9.1. Basic physical and chemical properties**

|                                                    |                            |
|----------------------------------------------------|----------------------------|
| Physical state                                     | : Liquid                   |
| Appearance                                         | : Clear Liquid.            |
| Colour                                             | : Brown                    |
| Odour                                              | : 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                                        | : 230 °C (ASTM D92)        |
| 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                                   | : ≈ 0,867 (20/4° C)        |
| Density                                            | : Not available            |
| Solubility                                         | : Not available            |
| Partition coefficient n-octanol/water<br>(Log Kow) | : Not available            |
| Auto-ignition temperature                          | : Not available            |
| Decomposition temperature                          | : Not available            |
| Kinematic Viscosity (40° C)                        | : ≈ 78 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**

Chemical stability : Stable under normal conditions of use.

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

| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0) |                       |
|-------------------------------------------------------------------------------------------------------|-----------------------|
| LD50 oral rat                                                                                         | > 2000 mg/kg          |
| LD50 dermal rat                                                                                       | < 2000 mg/kg          |
| ATE BR (oral)                                                                                         | 2500 mg/kg bodyweight |
| ATE BR (dermal)                                                                                       | 1100 mg/kg bodyweight |

| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts (113706-15-3) |                       |
|---------------------------------------------------------------------------------------------|-----------------------|
| LD50 oral rat                                                                               | = 2600 mg/kg          |
| LD50 dermal rabbit                                                                          | > 3160 mg/kg          |
| LC50 Inhalation - Rat                                                                       | > 2 mg/l              |
| ATE BR (oral)                                                                               | 2500 mg/kg bodyweight |
| ATE BR (dermal)                                                                             | 2500 mg/kg bodyweight |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |                                                                                                                                                                   |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat                                                          | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method) |
| LD50 dermal rabbit                                                     | > 2000 mg/kg Source: IUCLID                                                                                                                                       |
| LC50 Inhalation - Rat (Dust/Mist)                                      | 2,18 mg/l Source: IUCLID                                                                                                                                          |

|                               |                                  |
|-------------------------------|----------------------------------|
| Skin corrosion/irritation     | : Causes mild skin irritation.   |
| Serious eye damage/irritation | : Causes serious eye irritation. |

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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

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |                                                                                                                                   |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 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)            |
| NOAEC (inhalation, rat, dust/mist/fume, 90 days)                       | > 0,98 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)                           |

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 TOP TURBO PRO 10W-30 |                         |
|-----------------------------|-------------------------|
| Kinematic Viscosity (40 °C) | ≈ 78 mm <sup>2</sup> /s |

| Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0) |                                                                             |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Kinematic Viscosity (40 °C)                                            | 1,99 - 847 mm <sup>2</sup> /s Temp.: '40 °C' Parameter: 'mm <sup>2</sup> /s |

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

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 : Causes mild skin irritation. Itching.

Symptoms/effects after eye contact : May cause eye irritation.

Symptoms/effects after ingestion : None under normal conditions.



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## SECTION 12: Ecological information

### 12.1. Toxicity

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

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

#### Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isooctyl) esters, zinc salts (113706-15-3)

|                 |            |
|-----------------|------------|
| LC50 - Fish [1] | = 4,5 mg/l |
|-----------------|------------|

|                      |            |
|----------------------|------------|
| EC50 - Crustacea [1] | = 5,4 mg/l |
|----------------------|------------|

|                      |            |
|----------------------|------------|
| EC50 96h - Algae [1] | = 2,1 mg/l |
|----------------------|------------|

#### Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

|                 |                            |
|-----------------|----------------------------|
| LC50 - Fish [1] | > 5000 mg/l Source: IUCLID |
|-----------------|----------------------------|

|                      |                            |
|----------------------|----------------------------|
| EC50 - Crustacea [1] | > 1000 mg/l Source: IUCLID |
|----------------------|----------------------------|

|                      |                            |
|----------------------|----------------------------|
| EC50 96h - Algae [1] | > 1000 mg/l Source: IUCLID |
|----------------------|----------------------------|

### 12.2. Persistence and degradability

#### LUBRAX TOP TURBO PRO 10W-30

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

### 12.3. Bioaccumulative potential

#### Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3,9 - 6 Source: IUCLID |
|-------------------------------------------------|------------------------|

### 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.

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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

### 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

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## 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

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.