

## Product: LUBRAX MOTO 4T PROFISSIONAL 10W-40

SDS ID: 1024165

Revision date: 22/05/2025

## SECTION 1: Identification

## 1.1. GHS Product identifier

Product form : Mixture  
Product name : LUBRAX MOTO 4T PROFISSIONAL 10W-40  
Product code : 1024165  
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  
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

### 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

Hazardous to the aquatic environment - Acute Hazard, Category 3

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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  
H402 - Harmful to aquatic life

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.  
P332+P313 - If skin irritation occurs: Get medical advice or attention.  
P337+P313 - If eye irritation persists: Get medical advice or attention.

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)
Mineral oil	CAS-No.: 64742-54-7, 64742-65-0, 64742-55-8, e 64742-56-9	5 - 10	Asp. Tox. 1, H304
Distillates (petroleum), hydrotreated light paraffinic	CAS-No.: 64742-55-8	4 - 10	Asp. Tox. 1, H304

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Name	GHS Product identifier	%	Classification according to GHS BR (ABNT NBR 14725: 2023)
Phosphorodithioic acid, mixed esters O, O-bis (1,3-dimethylbutyl and isopropyl), zinc salts	CAS-No.: 84605-29-8	0,5 - 2	Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

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 : 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 (CO2).
- Unsuitable extinguishing media : Do not use a heavy water stream.

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### 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. 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. Equip cleanup crew with proper protection.  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Harmful to aquatic life. 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.

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## 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.
- 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 security glasses which protect from splashes

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**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):****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	: 203 °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	: ≈ 0,86 (20/4°C)
Density	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log K <sub>ow</sub> )	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Kinematic Viscosity (40°C)	: ≈ 92 cSt
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable

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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.
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 paraffinic (64742-55-8)**

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

**Phosphorodithioic acid, mixed esters O, O-bis (1,3-dimethylbutyl and isopropyl), zinc salts (84605-29-8)**

LD50 dermal rat	> 2002 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 2,3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
ATE BR (oral)	2500 mg/kg bodyweight

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Skin corrosion/irritation	: Causes mild skin irritation.
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

**Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)**

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)
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)

**Phosphorodithioic acid, mixed esters O, O-bis (1,3-dimethylbutyl and isopropyl), zinc salts (84605-29-8)**

NOAEL (oral, rat, 90 days)	160 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
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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).

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Kinematic Viscosity (40°C)	≈ 92 mm <sup>2</sup> /s
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**Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)**

Kinematic Viscosity (40°C)	1,99 - 847 mm <sup>2</sup> /s Temp.: '40°C' Parameter: 'mm <sup>2</sup> /smm2/s'
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**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.

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

Symptoms/effects after ingestion : None under normal conditions.

**SECTION 12: Ecological information****12.1. Toxicity**

Hazardous to the aquatic environment, : Harmful to aquatic life.

short-term (acute)

Hazardous to the aquatic environment, : Not classified.

long-term (chronic)

<b>Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)</b>	
LC50 - Fish [1]	> 5000 mg/l Source: IUCLID
LC50 - Other aquatic organisms [1]	> 10 mg/l
EC50 - Crustacea [1]	> 10000 mg/l
NOEC chronic crustacea	= 10 mg/l

<b>Phosphorodithioic acid, mixed esters O, O-bis (1,3-dimethylbutyl and isopropyl), zinc salts (84605-29-8)</b>	
LC50 - Fish [1]	46 mg/l Test organisms (species): Cyprinodon variegatus

**12.2. Persistence and degradability**

<b>LUBRAX MOTO 4T PROFISSIONAL 10W-40</b>	
Persistence and degradability	Rapidly degradable

**12.3. Bioaccumulative potential**

<b>Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)</b>	
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.

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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

### 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 November 3, 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.