

**Product: LUBRAX CLAY 1**

SDS ID: 1000632

Revision date: 24/08/2023

**SECTION 1: Identification of Product and Company****1.1. Product identifier**

Product name : LUBRAX CLAY 1  
Product code : 1000632  
Recommended use : Inorganic thickener based mineral grease

**1.2. Company identification**

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

SAC : 4090 1337 (capitais ou regiões metropolitanas) ou 0800 770 1337  
(demais regiões)

Emergency telephone number : 0800 024 44 33 - CAE (Central de apoio a emergências), para vazamentos, derramamentos e outros acidentes que necessitem de suporte emergencial.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to GHS BR (ABNT NBR 14725)**

Acute toxicity (dermal), Category 5

Serious eye damage/eye irritation, Category 2A

**2.2. Label elements****GHS BR labelling**

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Warning

Hazard statements (GHS BR)

: H313 - May be harmful in contact with skin  
H319 - Causes serious eye irritation.

Precautionary statements (GHS BR)

Prevention

: P264 - Wash the exposed areas thoroughly after handling.  
P280 - Wear protective gloves, protective clothing and eye protection.

Resposta a Emergência

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

**Product: LUBRAX CLAY 1**

**SDS ID: 1000632**

**Revision date: 24/08/2023**

rinsing.

P312 - Call a POISON CENTER or doctor if you feel unwell.

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

## 2.3. Other hazards not contributing to the classification

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to GHS BR (ABNT NBR 14725)
1,2-Propanediol Cyclic carbonate	CAS-No.: 108-32-7	0,5 - 5	Not classified

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 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.
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, both acute and delayed

Symptoms/effects	: May be harmful in contact with skin. 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	: May be harmful in contact with skin. irritation (itching, redness, blistering).
Symptoms/effects after eye contact	: Causes serious eye irritation. stinging, redness, itching, tears.

**Product: LUBRAX CLAY 1**

**SDS ID: 1000632**

**Revision date: 24/08/2023**

Symptoms/effects after ingestion : None under normal conditions.

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

Notes to physician : Treat symptomatically

### SECTION 5: Firefighting measures

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

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

Explosion hazard : No direct explosion hazard.

#### 5.3. Advice for firefighters

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.

### 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.

**Product: LUBRAX CLAY 1**

**SDS ID: 1000632**

**Revision date: 24/08/2023**

## 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

Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

## 6.3. Methods and material 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	: Absorb spillage to prevent material damage. 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.
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

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

**Product: LUBRAX CLAY 1**

**SDS ID: 1000632**

**Revision date: 24/08/2023**

## 8.2. Exposure controls

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

## 8.3. Personal protective equipment

**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

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



## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Pasty.
Colour	: Greenish
Odour	: characteristic
Odour threshold	: Not available
pH	: Not available
Melting point	: Not available

**Product: LUBRAX CLAY 1**

SDS ID: 1000632

Revision date: 24/08/2023

Freezing point	: Not available
Boiling point	: Not available
Flash point	: 220 °C
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	: Not available
Solubility	: Water:
Partition coefficient n-octanol/water (Log Kow)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Kinematic Viscosity (40°C)	: Not available
Viscosity, dynamic	: Not available

**9.2. Other information**

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	: 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

**Product: LUBRAX CLAY 1**

SDS ID: 1000632

Revision date: 24/08/2023

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

Acute toxicity (oral) : Not classified.  
Acute toxicity (dermal) : May be harmful in contact with skin.  
Acute toxicity (inhalation) : Not available

LUBRAX CLAY 1	
LD50 oral rat	> 5000 mg/kg
ATE BR (dermal)	2500 mg/kg bodyweight

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).

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

Symptoms/effects : May be harmful in contact with skin. 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 : May be harmful in contact with skin. 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.

Product: LUBRAX CLAY 1

SDS ID: 1000632

Revision date: 24/08/2023

**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) : Not available

**12.2. Persistence and degradability**

No additional information available

**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 legislation (waste)	: 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****14.1 National and international Regulations**

Not classified as dangerous for transport in the different modes, but may be harmful in the event of an accident. For further information, please consult Section 2 in this MSDS.



Product: LUBRAX CLAY 1

SDS ID: 1000632

Revision date: 24/08/2023

## 14.2 Other information

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

Brazil Local Regulations

: Norma ABNT NBR 14725.

Decreto Federal nº 2.657, de 3 de julho de 1998 - Promulga a Convenção nº 170 da OIT, relativa à Segurança na Utilização de Produtos Químicos no Trabalho, assinada em Genebra, em 25 de junho de 1990.

Portaria nº 229, de 24 de maio de 2011 - Altera a Norma Regulamentadora nº 27

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

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.