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**1. Identification**

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**IPIRANGA MOTO PROTECTION 20W50 SL**

**Product Use:** Lubricant oil recommended for motor lubrication 4-stroke motorcycles driven by gasoline or ethanol.

**Product Code:** 310126

**Company Identification**

ICONIC Lubrificantes S.A.

Avenida das Américas, 3434, Bloco 2, 7o andar

CEP 22640-102 – Barra da Tijuca Rio de Janeiro

Brasil

[www.iconiclubrificantes.com.br](http://www.iconiclubrificantes.com.br)

**Response to the emergence of transport**

Brasil: 0800 704 2230, 2 (24h)

**Medical emergency**

Brasil: 0800 704 2230, 2 (24h)

**Central Ipiranga**

3003 3451 - capitais e regiões metropolitanas

0800 720 5356 - demais regiões

[www.portal.ipiranga](http://www.portal.ipiranga)

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**2. Hazards Identification**

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**2.1. Chemical hazard according to ABNT NBR 14725-2**

Chemicals not classified as dangerous according to ABNT NBR 14725-2

**2.2. Appropriate labeling elements**

Not applicable

**2.3. Other hazards which do not result in classification**

Not applicable

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**3. Composition and information about ingredients**

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**3.1 Mixture**

This material is a mixture

**3.2 Ingredients or impurities that contribute to the hazard**

This material does not contain ingredients that require disclosure, in accordance with the regulatory criteria of this jurisdiction.



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## 4. First aid actions

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**Note: Consult a physician in case of malaise, presenting this MSDS**

### Inhalation

In case of symptoms, move affected person to fresh air.

### Contact with skin

In case of contact it is recommended to clean the affected area with abundant water and neutral soap. Remove contaminated clothing and shoes immediately. In case of skin changes (burning, redness, rash, cutaneous, blistering, etc.) consult a doctor, presenting these Safety Data Sheets.

### Contact with eyes

Rinse with water until complete disposal. Remove contact lenses. Keep eye open while washing with plenty of water. In case of malaise, seek medical advice, showing the MSDS of this product.

### Ingestion

In case of ingestion of large amounts it is recommended to seek medical attention.

### Most important symptoms or effects, or late

Acute and delayed effects are indicated in sections 2 and 1 where applicable.

### Note to doctor

Not applicable

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## 5. Fire Fighting Measures

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### Extinguishing media

In case of combustion as a consequence of manipulation, storage or improper use any type of extinguishing agent (powder, ABC, water, etc.) may be used.

### Specific hazards

Due to its flammability characteristics, the product does not present a fire hazard under normal conditions. Burning produces noxious and toxic fumes.

### Protective measures of the fire-fighting team

Depending on the magnitude of the fire, full protective clothing and self-contained breathing apparatus may be required. Have a minimum of emergency facilities or elements of action (fire blankets, portable pharmacy, etc.). In case of fire, wear self-contained breathing apparatus.

### Additional Information

Collect contaminated fire extinguishing water separately. This should not be discharged into drains. Fire residues and contaminated fire extinguishing water should be disposed of in accordance with local regulations.

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## 6. Control Measures for Spill or Leak

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### Personal precautions, protective equipment and emergency procedures

Sweep and collect the product with shovels or other media and discard in a container for reuse (preferably) or for disposal. Wear personal protective equipment. Ensure adequate ventilation.

### Environmental Precautions

Harmful to aquatic organisms, may cause long-term effects. Keep away from sewage, surface and ground water. If the product contaminates rivers and lakes or drains inform the respective authorities.

### Methods and materials for containment and cleaning



Soak with inert absorbent material (eg sand, silica gel, acid binder, universal binder, sawdust). It is recommended to sweep and collect product with shovels or other media and pour into container for reuse (preferably) or disposal.

### Reference to other sections

See sections 8 and 13

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## 7. Handling and Storage

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### Precautions for safe handling

Comply with current legislation on the prevention of occupational hazards. Keep containers tightly closed. Control spills and residues by disposing of them with safe methods. Avoid free spillage from the container. Maintain order and cleaning where dangerous goods are handled. For personal protection, see section 8. Smoking, eating and drinking are prohibited in the area of application. Discard rinse in accordance with local and national regulations.

### Precautions against fire or explosion

Normal measures for preventive protection against fire.

### Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during handling, washing hands with suitable cleaning agents.

### Technical recommendations to prevent risks to the environment

Avoid contamination of the aquatic environment

### Safe storage conditions, including any incompatibility

#### Technical storage measures

Minimum temperature: 5 °C

High Temperature: 30 °C

Maximum Time: According to Technical Product Specification

### General conditions of storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information, see item 10.5

### Specific end uses

Except as otherwise indicated, it is not necessary to make any special recommendations regarding the uses of this product.

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## 8. Exposure control and personal protection

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### 8.1. Control Parameters

#### Occupational exposure limits

Substances with occupational exposure limit values that must be controlled in the workplace (NR15 - Annex 11, chemical agents whose health is characterized by a tolerance limit and workplace inspection): there are no environmental limits for the substances that constitute the product.

### 8.2. Engineering control measures

#### Personal protection measures

The use of basic personal protective equipment is recommended as a protective measure. The information given in this section refers to the pure product. The protective measures for the diluted product may vary depending on the degree of dilution, use, method of application. In order to determine the fulfillment of the installation of emergency and / or eyewash stations in the warehouses, the applicable regulations, applicable in each case, must be taken into account. All the information presented here is a recommendation and it is necessary for its implementation by the labor risk prevention services to be unaware of the additional prevention measures available to the company.

#### Breath protection



Protective equipment should be used in the event of fogging or if exposure limits are exceeded.

### Specific hand protection

Mandatory hand protection: Protective gloves account for minor risks. Replace gloves with any signs of deterioration. For prolonged exposure to the product for professional / industrial users the use of chemical protective gloves is recommended.

### Eye / face protection

Mandatory eye protection: Spectacles against splashing liquids. Clean daily and disinfect periodically according to the manufacturer's instructions. It is recommended to use in case of risk of splashes.

### Body protection

**BODY:** Work clothes

**FOOT:** Work shoes non-slip

### Complementary emergency measures

No additional emergency measures are required.

### Environmental exposure controls

Under environmental protection legislation, it is recommended to avoid spilling both the product and its packaging into the environment.

## 9. Physical and Chemical Properties

9.1. Physical Appearance	
Physical state @ 20 °C	Liquid
Aspect	Viscous
Color	L 2.5
Odor	Petroleum
9.2. Volatility	
Boiling point at atmospheric pressure	Not available
Steam pressure @ 25 °C	Not available
Steam pressure @ 50 °C	Not available
Evaporation Rate @ 20 °C	Not available
9.3. Product Characterization	
Density @ 15 °C	0,8812 g/cm3
Relative density @ 25 °C	Not available
Kinematic viscosity @ 40 °C	160,0 cSt
Kinematic viscosity @ 100 °C	19,06 cSt
pH	Not available
Vapor Density @ 20 °C	Not available
Partition coefficient n-octanol / water	Not available



<b>Solubility in water @ 20 °C</b>	Not available
<b>Property of solubility</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Melting point / freezing point</b>	Not available
<b>Pour point</b>	- 15 °C
<b>9.4. Flammability</b>	
<b>Flash point</b>	> 238 °C
<b>Auto-ignition temperature</b>	Not available
<b>Lower Flammability Limit</b>	Not available
<b>Upper Flammability Limit</b>	Not available

## 10. Stability and Reactivity

**Stability and reactivity:** Product stable under normal conditions of temperature and pressure.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to Avoid:** Avoid heat, flames and other sources of ignition.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides, oxides / metal oxides.

## 11. Toxicological Information

In case of prolonged or repeated exposure, or at concentrations higher than those established by the occupational exposure limits, adverse health effects may occur depending on the exposure life.

### Ingestion - Acute effect

**Acute toxicity:** Product not classified as acute toxic by oral route. DL50 (oral, rats): >5.000mg/kg

**Corrosivity / Irritation:** Product not classified as acute toxic by oral route.

### Inhalation - Acute effect

**Acute toxicity:** Product not classified as acute toxic by inhalation.

**Corrosivity / Irritation:** The product is not expected to present danger by inhalation.

### Contact with skin and eyes - Acute effect

**Skin contact:** The product is not expected to be present on contact with skin. DL50 (dermal, rabbits): >5.000mg/kg

**Eye contact:** The product is not expected to cause eye irritation.

### CMR - Carcinogenic, Mutagenic and Reproductive Effects

**Carcinogenicity:** The product is not expected to be carcinogenic. Animal studies have shown positive and negative skin carcinogenicity through the dermal route. According to IPIECA, petroleum products that result in IP 346> 3% (w / w) are considered carcinogenic to the skin.

**Mutagenicity:** The product is not expected to show mutagenicity in germ cells.



**Reproductive Toxicity:** The product is not expected to produce reproductive toxicity.

#### Awareness effects

**Respiratory:** The product is not expected to cause respiratory sensitization.

**Skin:** The product is not expected to cause skin sensitization.

**Specific target organ toxicity - Exposure time:** Based on available data, the classification criteria are not met and do not contain substances classified as hazardous for this article.

**Specific target organ toxicity - Repeated exposure:** On the basis of the available data, the classification criteria are not met and do not contain substances classified as hazardous for this article.

**Danger of aspiration:** Product not classified as dangerous by aspiration.

#### Substance-specific information

Not applicable

## 12. Ecological Information

### 12.1. Environmental effects, behavior and impacts of the product

**Ecotoxicity:** Due to the nature of the product, the product is expected to be ecotoxic. LC50 (Daphnia magna, 48h):> 1000mg / l.

**Persistence and degradability:** Not readily biodegradable.

**Bioaccumulative potential:** It presents high bioaccumulative potential in aquatic organisms. Log kow: 3.9 - 6.0 (estimated value).

**Mobility in soil:** Low soil mobility is expected. Log Koc: 4.3 - 8 (estimated value).

**Results for PBT and vPvB:** Not available.

### 12.2. Other side effects

The release of large amounts of product may cause undesirable environmental effects, such as decreased oxygen availability in aquatic environments due to the formation of oily layer on the surface, coating and consequent suffocation of animals.

## 13. Final Destination Considerations

### Recommended methods for final destination

Prevent contamination of soil, drains and surface waters. Do not discharge on sewers, tunnels or water courses. Dispose in accordance with local or national regulations via authorized person/ licensed waste disposal contractor. The used product is to be considered a special waste to be classified in accordance to Directive 2008/98/EC on wastes and related legislation. Recover if possible. In so doing, comply with the local and national regulations currently in force.

## 14. Shipping Information

### Ground transportation

This product is not regulated for transport

**UN number** Not applicable

**Proper shipping name** Not applicable

**Primary risk class or subclass** Not applicable

**Subsidiary risk class or subclass** Not applicable

**Packing group** Not applicable



## Waterway Transportation

This product is not regulated for transport

**UN number** Not applicable

**Proper shipping name** Not applicable

**Primary risk class or subclass** Not applicable

**Subsidiary risk class or subclass** Not applicable

**Packing group** Not applicable

## Air Transport

This product is not regulated for transport

**UN number** Not applicable

**Proper shipping name** Not applicable

**Primary risk class or subclass** Not applicable

**Subsidiary risk class or subclass** Not applicable

**Packing group** Not applicable

## Specific precautionary measures and conditions

Not applicable

## Additional regulations

Not applicable

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## 15. Regulatory Information

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### 15.1. Specific regulations for the chemical

It is recommended to use the information compiled in this SDS as input data in a risk assessment of local circumstances in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

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## 16. Other information

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SDS prepared in accordance with **NBR 14725-4: 2014**.

### 16.1. Subtitles and abbreviations:

**(IMDG):** International Maritime Dangerous Goods Code. **(IATA):** International Air Transport Association **(ICAO):** International Civil Aviation Organization **(COD):** Chemical oxygen demand

**(BOD5):** Biological oxygen demand at 5 days **(BCF):** Bioconcentration factor **(LD50):** Lethal dose 50 **(LC50):** Lethal concentration 50

**(EC50):** Effective concentration 50 **(Log POW):** logarithm octanol-water partition coefficient **(Koc):** partition coefficient of organic carbon

### 16.2. References:

**NBR 14725-1: 2009 Amended Version: 2010**, Chemicals safety, health and environmental information. Part 1: Terminology.

**NBR 14725-1: 2009 Amended Version: 2010**, Chemicals safety, health and environmental information. Part 2: Hazard classification system.

# SDS

Safety Data Sheet



**NBR 14725-1: 2012 Version Corrected 3: 2015**, Chemicals safety, health and environmental information. Part 3: Labeling.

**NBR 14725-4: 2014**, Chemicals - Information on safety, health and the environment. Part 4: Material Safety Data Sheet (MSDS).

**NBR 15480: 2007**, Road transport of dangerous goods. Emergency action plan (ECP) in accident response.

**NBR 15481: 2013**, Road transport of dangerous goods - Minimum safety requirements.

**NBR 7500: 2013 Version Corrected: 2013**, Identification for land transportation, handling, handling and storage of products.

**NBR 7501: 2011**, Ground transportation of dangerous goods - Terminology.

**NBR 10004: 2004**, Solid waste Classification

**Resolution ANTT No. 5232**, of December 14, 2016, Approves the Supplementary Instructions to the Terrestrial Regulations for the Transport of Dangerous Goods, and makes other provisions. Law no. 12305/2010 Establishes the National Solid Waste Policy.

**Decree No. 7,404 of December 23, 2010**, regulates Law No. 12,305, of August 2, 2010.

**NBR 16725: 2014**, Chemical residues - Safety, health and environmental information - Material Safety Data Sheet for chemical residues (FDSR) and labeling.

**CONAMA Resolution No. 362/2005** - Provides for the collection, collection and final destination of used or contaminated lubricating oil.