

## Product and company identification

### 1.1 Product ID

PEROXY50 - CampPool

### 1.2 Identified uses of the substance or mixture and unrecommended uses

#### Uses of the Substance/Mix

- Feeding area disinfectants
- Water treatment
- Assistance in food processing

### 1.3 Chemical Safety Information Sheet Supplier Details - FISPQ

Company name:	CAMP QUÍMICA INDÚSTRIA LTDA
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## Identification of hazards

### 2.1 Classification of the substance or mixture

#### Classification in accordance with NBR

##### 14725-2

Oxidizing liquids, Category 2  
Acute toxicity, Category 4  
Corrosive to the skin, Category 1A

Serious eye damage, Category 1  
Systemic target organ-specific toxicity - single exposure Category 3  
Dangerous to the aquatic environment – Acute., Category 2

H272: May aggravate a fire, combustion.

H302: Harmful when ingested.

H314: It causes severe burns to the skin and damage to the eyes.

H318: Provokes severe eye damage

H335: May cause respiratory irritation. (Breathing system)

H401: Toxic to aquatic organisms.

### 2.2 Elements of the label

#### Labelling according to NBR 14725-3

##### Icon



Warning word  
Danger

##### Danger phrases

- H272 Can aggravate a fire, comburent.

- H302 Harmful if ingested.
- H314 Causes severe burns to the skin and damage to the eyes.
- H335 May cause respiratory irritation.
- H401 Toxic to aquatic organisms.

**Precautionary phrases**Prevention

- P210 Keep away from heat.
- P221 Take all precautions not to mix with combustible materials.
- P264 Wash the skin carefully after handling.
- P280 Wear protective gloves/ protective clothing/ eye protection/ facial protection.

Emergency response

- P303 + P361 + P353  
IN CASE OF CONTACT WITH THE SKIN (or hair): Remove immediately. All the contaminated clothes. Rinse the skin with water/ take a shower.
- P304 + P340 + P310  
IN CASE OF INHALATION: Remove the person to a ventilated place and keep him resting in a position that does not make breathing difficult. Contact a TOXICOLOGICAL INFORMATION CENTER or a doctor immediately.
- P305 + P351 + P338 + P310  
EM IN CASE OF CONTACT WITH EYES: Rinse carefully with water for several minutes. If you wear contact lenses, remove them if it is easy. Keep rinsing. Contact a TOXICOLOGICAL INFORMATION CENTER or a doctor immediately.
- P363 Wash contaminated clothes before using them again.
- P370 + P378 In case of fire: Use sprayed water for extinguishing.
- Storage
- P403 + P233 Store in a well-ventilated place. Keep the container hermetically closed.

**2.3 Other hazards not resulting in classification**

Unknown.

**Composition and information on the ingredients****3.1 Substance**

- Not applicable, this product is a mix

**3.2 Mixing**

- Formula H<sub>2</sub>O<sub>2</sub> + WATER E VEHICLE.

Information about components and impurities

Chemical name	Nº CAS	Classification according to NBR 14725-2	Concentration [%]
Hydrogen peroxide	Nº CAS : 7722-84-1	<p>Oxidizing liquids, Category 1; H271 Acute toxicity, Category 4; H302 Corrosive for the skin, Category 1A ; H314 Serious eye injuries, Category 1 ; H318 Systemic target organ toxicity specific - single exposure, Category 3 ; H335 (System respiratory) Hazardous to the aquatic environment – Acute., Category 2 ; H401 Hazardous to the aquatic environment – Chronic., Category 3 ; H412</p> <p><b>Concentration limit specific:</b></p> <p>C: &gt;= 70 %, Oxidizing liquids, Category 1; H271 C: 50 - &lt; 70 %, Oxidizing liquids, Category 2; H272 C: &gt;= 70 %, Corrosive for the skin, Category 1A; H314 C: 50 - &lt; 70 %, Corrosive for the skin, Category 1B; H314 C: 35 - &lt; 50 %, Irritation of the skin, Category 2; H315 C: 8 - &lt; 50 %, Serious eye injuries, Category 1; H318 C: 5 - &lt; 8 %, Irritation of the eye, Category 2; H319 C: &gt;= 35 %, Systemic target organ toxicity specific - single exposure, Category 3; H335 C: &gt;= 63 %, Hazardous to the aquatic environment – Chronic., Category 3; H412 C: &gt;= 63 %, Hazardous to the aquatic environment – Chronic., Category 4; Unclassified</p>	50,0

Para obter o texto completo das frases de perigo mencionadas nesta seção, consulte a seção 16.

## First aid measures

### 4.1 Description of first aid measures

#### General recommendation

- Show this FISPQ to the trial doctor.

#### In case of inhalation

- Remove to a ventilated place.
- Oxygen, or artificial breathing, if necessary.
- Leave the victim lying and put her in resting position, keeping her warm and covering her with clothes.
- Call the doctor immediately.

#### In case of contact with the skin

- Remove contaminated clothes and shoes immediately.
- Wash immediately with plenty of water.
- Keep warm and in a quiet place.
- Call a doctor immediately or contact the Intoxication Center.
- Wash contaminated clothing before using it again.

#### In case of eye contact

- Call a doctor immediately or contact the Intoxication Center.
- Wash immediately with plenty of water, including under the eyelids, for at least 15 minutes.
- In case of difficulty opening the eyelids, administer an eyelid analgesic (oxibuprocaine).
- Immediately transport the patient to a hospital.

#### In case of ingestion

Call a doctor immediately or contact the Intoxication Center.

- Immediately transport the patient to a hospital.
- If there is ingestion, repeatedly rinse the mouth with water (only if the victim is conscious).
- Don't cause vomiting.
- Artificial breathing and/or oxygen may be required.
- If the victim is conscious:
  - If there is ingestion, repeatedly rinse the mouth with water (only if the victim is conscious).
  - Don't cause vomiting.
- If the victim is unconscious:
  - Artificial breathing and/or oxygen may be required.

#### Most important, acute and delayed symptoms and effects

##### In case of inhalation

###### Symptoms

- Difficulty breathing
- Cough
- Pulmonary edema
- Nausea
- Vomiting

###### Effects

Corrosive to the respiratory system.

###### **Repeated or prolonged exposure**

- Nose bleeding
- Risk of chronic bronchitis

#### Em caso de contato com a pele

**Symptoms**

- Redness
- Swelling of tissues

**Effects**

- Corrosive
- It causes severe burns.

**In case of eye contact****Symptoms**

- Redness
- Tear
- Swelling of tissues

**Effects**

- Corrosive
- It causes severe burns.
- Small amounts sprinkled into the eyes can cause irreversible tissue damage and blindness.

**In case of ingestion****Symptoms**

- Nausea
- Abdominal pain
- Vomiting with blood.
- Diarrhea
- Stifling
- Cough
- Serious respiratory impairment

**Effects**

- If ingested, severe burns in the mouth and throat, as well as perforation of the esophagus and stomach.
- Risk of respiratory disorder

**4.2 Indication of immediate medical attention and special treatment required****Notes to the doctor**

- Immediately transport the patient to a hospital.
- Immediate medical advice is needed.
- Consult an ophthalmologist immediately in all cases.
- Burns should be treated by a doctor.

**If swallowed**

- Avoid gastric washing (perforation risk).
- Keep under medical care for at least 48 hours.

**Fire control measures****5.1 Extinction means****Appropriate extinction means**

- Water
- nebulized water

**Inadequate extinguishing agents**

- None

**5.2 Special risks arising from the substance or mixture**

- Fuel
- It favours the combustion of combustible materials.
- Contact with flammable products can cause fires or explosions.
- Risk of explosion if heated in a closed environment.

- Decomposition produces oxygen release that can exacerbate fires

### 5.3 Precautions for firefighters

#### Special equipment for the protection of persons involved in firefighting.

- Use autonomous breathing equipment in case of fire.
- Wear personal protective equipment.
- Wear clothing that is resistant to chemicals.

#### Additional information

- Keep the product and empty packaging away from heat and ignition sources.
- Cool containers and surroundings with sprayed water
- Approaching against the wind.
- Avoid contamination of surface and groundwater with firefighting water.

## Control measures for spill or leakage

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

#### Recommendations for non-emergency staff

- Evacuate staff to safe areas.
- Keep people away and keep them in a direction opposite to the wind in relation to the spill

#### Recommendations for emergency staff

- Wear personal protective equipment
- Drying this product on clothes or on combustible substances can cause a fire.
- Keep wet with water.
- Avoid subsequent dispersion or spillage.
- Keep away from incompatible products

### 6.2 Environmental precautions

- It shouldn't be thrown into the environment.
- If the product contaminates rivers, lakes or sewers inform the relevant authorities.

### 6.3 Methods and materials of containment and cleaning

- Dilute with plenty of water.
- Stop the leaks.
- Do not mix waste flows during collection.
- Soak with inert absorbent material.
- Store in properly labelled containers.
- Keep in suitable closed containers until disposal.
- Treat recovered material as described in the "Disposal Considerations" section.

### 6.4 See other sections

- See sections 7 and 8 for protection measures.

## Handling and storage

### 7.1 Precautions for safe handling

- Use only in well-ventilated places.
- Before any operation, passivate the piping circuits and appliances according to the process recommended by the manufacturer.
- Use only clean and dry utensils.
- Never put unused material in the storage container again.

- 
- Keep away from the heat.
  - Avoid inhalation, ingestion and contact with skin and eyes.
  - Keep away from incompatible products.

#### **Hygiene measures**

- Make sure that eye washers and safety showers are near the workplace.
- Remove contaminated clothes and shoes immediately.
- Wash contaminated clothing before using it again.
- Do not eat, drink or smoke during use.
- Wash your hands before breaks, and at the end of the working day.
- Handle according to good industrial practices of hygiene and safety.

#### **Conditions for safe storage, including incompatibilities**

##### **Technical measures/Storage conditions**

- Keep only in the source container.
- Store in a well-ventilated place. Store in a cool environment.
- Store in a container equipped with relief valve.
- Store in properly labelled containers.
- Keep the container closed.
- Store in a protected area with walls to contain leakage.
- Keep away from heat / spark / open flame / hot surfaces. Don't smoke.
- Regularly check the condition and temperature of the containers.
- Keep away from:
  - Incompatible products

##### **Packaging Material**

###### **Suitable Material**

- Incompatible products
- aluminum 99.5 %
- stainless steel 304L / 316L
- Approved degrees of HDPE.

#### **7.2 Specific end uses**

- Contact your supplier for more information.

### **Exposure control and individual protection**

#### **8.1 Control parameters**

##### **Components with workplace exposure limit values**

Components	Value type	Value	Base
Hydrogen peroxide	TWA	1 ppm	limit values (TLV) da ACGIH nos EUA

## 8.2 Exposure controls

### Control measures

#### Engineering control measures

- Provide adequate ventilation.
- Apply the technical measures to act in accordance with the exposure limits relating to the profession.

#### Individual protection measures

##### Respiratory protection

- Use a respirator during operations with potential exposure to product steam.
- When operators are in the presence of concentrations above the exposure limit, they must use certified respiratory equipment.
- Respiratory system with steam filter (EN 141)
- Recommended ABEK-P2
- Filter Type:
- Air or autonomous respiratory apparatus in case: 1) of important or uncontrolled emissions, 2) if insufficient oxygen, 3) cartridge masks are insufficient.

##### Hand protection

- Waterproof gloves
- Note the information of the manufacturer regarding permeability and time limit and the special conditions of the workplace (mechanical voltage, contact duration).

##### Suitable material

- PVC
- Natural rubber
- butyl rubber
- Borracha nitrílica

##### Eye protection

- Wear protective glasses that are resistant to chemicals.
- If there may be rashes, wear:
- Well-adjusted safety glasses
- Facial protection

##### Body and skin protection

- Waterproof clothing If there may be rashes, wear:
- Chemically resistant avental
- Boots
- Suitable material
- PVC
- Natural rubber

##### Hygiene measures

- Make sure that eye washers and safety showers are near the workplace. Remove contaminated clothes and shoes immediately.
- Wash contaminated clothing before using it again.
- Do not eat, drink or smoke during use.
- Wash your hands before breaks, and at the end of the working day.
- Handle according to good industrial practices of hygiene and safety.

##### Environmental risk controls

- Eliminate washing water according to local and national regulations.



## Physical and chemical properties

### 9.1 Information on basic physico-chemical properties

<b><u>Appearance</u></b>	Physical condition: liquid
	<u>Color:</u> colourless
<b><u>Odor</u></b>	Odorless
<b><u>Limit of Odor</u></b>	data not available
<b><u>Molecular weight</u></b>	34 g/mol
<b><u>pH</u></b>	2,0 ( 21 °C) H2O2 50 %
	<u>pKa:</u> 11,6 ( 25 °C)
<b><u>Melting/freezing point</u></b>	<u>Freezing point:</u> -0,43 °C Pure substance  : -40,3 °C H2O2 70 %
<b><u>Initial boiling point and boiling temperature range</u></b>	<u>Initial boiling point and boiling temperature range:</u> 150,2 °C Pure substance 125 °C H2O2 70 %
<b><u>Point of Brightness</u></b>	Not applicable
<b><u>Evaporation rate (Butyl Acetate ≅ 1)</u></b>	data not available
<b><u>Flammability (solid, gas)</u></b>	Not applicable
<b><u>Explosiveness / Flammability Limit</u></b>	<u>Lower limit of explosiveness/flammability:</u> The product is not flammable.  <u>Upper limit of explosiveness/flammability:</u> The product is not flammable.
<b><u>Self-ignition temperature</u></b>	Not applicable
<b><u>Steam pressure</u></b>	200 hPa ( 30 °C) H2O2 70 %  214 hPa ( 20 °C) Substância pura
<b><u>Steam density</u></b>	1,02
<b><u>Density:</u></b>	data not available

<b><u>Relative Density</u></b>	1,29 H2O2 70 %
<b><u>Relative Density</u></b>	1,44 ( 25 °C) Substância pura
<b><u>Solubility</u></b>	<u>Solubility in other solvents:</u> data not available
<b>Partition coefficient (n-octanol/water)</b>	log Pow: -1,57 Method: Calculation Method
<b><u>Decomposition temperature</u></b>	data not available
<b><u>Viscosity</u></b>	<u>Viscosity,</u> 1,26 mPa.s ( 20 °C) <u>dynamic:</u> H2O2 70 %  1,249 mPa.s ( 20 °C) Pure substance
<b><u>Risk of explosion</u></b>	Not explosive
<b><u>Oxidizing properties</u></b>	Oxidizing

## 9.2 Other information

<b><u>Surface voltage</u></b>	77,2 mN/m ( 20 °C) H2O2 70 %  80,4 mN/m ( 20 °C) Pure substance
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## Stability and reactivity

### 10.1 Reactivity

- Strong oxidizing. Contact with other materials can cause fire.
- It decomposes when heated with the potential to release large amounts of gas (oxygen).
- Potential exothermic danger

### 10.2 Chemical stability

- Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

- It favours the combustion of combustible materials.
- Contact with flammable products can cause fires or explosions.
- Contact with incompatible materials can cause exothermic decomposition with gas release.
- Risk of explosion if heated in a closed environment.
- Fire or intense heat can cause violent breakage of the packaging.

### 10.4 Conditions to be avoided

- Contamination
- To avoid thermal decomposition, do not overheat.

### 10.5 Materiais incompatíveis

- Acids
- Bases
- Metals
- Heavy metal outlets
- Powdered metal socks
- Reducing agents
- Organic materials
- Flammable materials

### 10.6 Dangerous decomposition products

- Oxygen

## Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Oral Acute toxicity

Estimated acute toxicity : 431 mg/kg - Mouse, male and female

Test substance: Hydrogen peroxide Unpublished reports

##### Acute toxicity - Inhalation

CL50 - 4 h ( steam ) > 0,17 mg/l - Mouse

Test substance: Hydrogen peroxide

No mortality was observed in this concentration. Unpublished reports

##### Acute toxicity - Dermal

Estimated acute toxicity 6.440 mg/kg - Rabbit

Test substance: Hydrogen peroxide Unpublished reports

##### Acute toxicity (other routes of administration)

data not available

#### Corrosion/irritation of the skin

Causes severe burns.

##### Severe eye injury/eye irritation

It causes severe eye damage.

#### Respiratory or skin sensitization

Hydrogen peroxide

Does not cause skin sensitization.

Non-sensitizing

**Carcinogenicity**

Hydrogen peroxide data not available

**Reproductive and developmental toxicity**
**Toxicity**
**for reproduction and fertility**

Hydrogen peroxide No reproductive toxicity

**Efeitos da toxicidade no desenvolvimento/Teratogenicidade**

Hydrogen peroxide No reproductive toxicity.

**Systemic toxicity to certain target organs**
**Toxicity to specific target organs - single exposure**

Hydrogen peroxide Exhibition routes: Inhalation  
 Target organs: Respiratory tract  
 It can cause irritation of the respiratory tract.

**Specific target organ toxicity - repeated exposure**

Hydrogen peroxide The substance or mixture is not classified as target organ toxic specific, repeated exposure, according to the GHS criterion.

Hydrogen peroxide Inhalation (steam) 90 days -  
 Mouse NOAEC: 7 ppm  
 Target organs: Respiratory tract  
 Method: OECD Test Guideline  
 413 Unpublished reports

90 days - Mouse NOAEL: 100 ppm  
 Target organs: Gastrointestinal Way Method: OECD Test Guideline 408 Drinking Water  
 Unpublished reports

**Experience with human exposure**

data not available

**Aspiration hazard**

data not available

## Ecological information

### 12.1 Toxicity

#### Water compartment

##### Acute toxicity for fish

Hydrogen peroxide

CL50 - 96 h : 16.4 mg/l - Pimephales promelas (fat viper)  
Semi-static test  
Analytical monitoring: yes

Unpublished internal reports Harmful to fish.

##### Acute toxicity for daffnies and other aquatic invertebrates

Hydrogen peroxide

CE50 - 48 h : 2,4 mg/l - Daphnia pulex  
Semi-static testing Analytical monitoring: yes  
Unpublished internal reports  
Toxic to aquatic invertebrates.

##### Toxicity to aquatic plants

Hydrogen peroxide

CE50r - 72 h : 2.62 mg/l - Skeletonema costatum (marine diatomacea)  
Static testing Analytical monitoring: yes  
Unpublished internal reports Toxic to algae.

##### Toxicity to microorganisms

Hydrogen peroxide

CE50 - 0.5 h : 466 mg/l - activated  
sludge Static test  
Analytical monitoring: yes  
Method: Guidelines for OECD test 209  
Unpublished internal reports

##### Chronic toxicity for fish

data not available

##### Toxicidade crónica para dáfnias e outros invertebrados aquáticos

Hydrogen peroxide

NOEC: 0.63 mg/l - 21 Days - Daphnia magna  
Analytical monitoring: yes Bibliographic data  
Harmful to aquatic invertebrates, with prolonged effects

### 12.2 Persistência e degradabilidade

**Abiotic degradation** data not available

**Physicochemical and photochemical elimination** data not available

**Biodegradation**

**Biodegradation**

Hydrogen peroxide

study of easy biodegradability :  
 Method: Degradation in sewage treatment plants  
 The substance meets the criteria of final aerobic and biodegradability  
 harmless: activated sludge  
 Unpublished internal reports

**Degradability assessment**

Hydrogen peroxide

The product is considered rapidly degradable in the environment

**12.3 Bioaccumulative potential**

**Partition coefficient (n-octanol/water)**

Hydrogen peroxide

Not potentially bioaccumulable.

**Fator de bioconcentração (FBC)**

Hydrogen peroxide

Not potentially bioaccumulable.

**12.4 Mobilidade no solo**

**Adsorption potential (Koc)**

Hydrogen peroxide

Adsorção/solo  
 Koc: 1,58  
 Log Koc: 0,2  
 Method: Relation between structure and activity (SAR)  
 Unpublished reports

**known distribution for environmental compartments**

Hydrogen peroxide

End Product Destination: Water

**12.5 PBT and vPvB evaluation results**

Esta This mixture does not contain any substance considered to be persistent, bioaccumulable and non-toxic (PBT).  
 This mixture does not contain any substance considered to be very persistent or very bioaccumulative (mPmB).

**12.6 Other adverse effects**

**Evaluation of ecotoxicity**

**Dangerous to the aquatic environment – Acute.**

Hydrogen peroxide

Toxic to aquatic organisms.

**Dangerous to the aquatic environment – Chronic.**

Hydrogen peroxide

Harmful to aquatic organisms, with prolonged effects.

## Treatment and disposal considerations

### 13.1 Waste treatment methods Product

#### layout

- Limited quantity
- Dilute with plenty of water.
- Discharge into the sewer with plenty of water.
- Maximum quantity
- Contact the manufacturer.
- Get in touch with the waste disposal services.
- According to local and national standards.

#### Recommendations on the cleaning and arrangement of packaging Empty packages.

- Clean the container with water.
- Eliminate washing water according to local and national regulations.
- Recycling should be preferred to disposal or incineration.
- According to local and national standards.

## Transportation information

### ANTT

<b>14.1 ONU Number</b>	UN 2014
<b>14.2 Appropriate name for boarding</b>	HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS
<b>14.3 Transport risk class</b>	5.1
Subsidiary risk class	8
Label(s):	5.1 (8)
<b>14.4 Packaging group</b>	
Packaging Group	II
Limited quantity per shipment	333,00 KG
<b>14.5 Environmental hazards</b>	None
<b>14.6 Special precautions for users</b>	
Risk number	58

For individual protection, see section 8.

### DOT

<b>14.1 ONU Number</b>	UN 2014
<b>14.2 Appropriate name for boarding</b>	HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS
<b>14.3 Transport risk class</b>	5.1
Subsidiary risk class	8
Label(s):	5.1 (8)
<b>14.4 Packaging group</b>	
Packaging group	II
No ERG	140
<b>14.5 Environmental hazards</b>	NÃO

### **Marine pollutants**

**14.6 Special precautions for users**

data not available

**TDG**

<b>14.1 ONU Number</b>	UN 2014
<b>14.2 Appropriate name for boarding</b>	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
<b>14.3 Transport risk class</b>	5.1
Subsidiary risk class	8
Label(s):	5.1 (8)
<b>14.4 Packaging group</b>	
Packaging group	II
No ERG	140
<b>Perigos ambientais</b>	<b>14.5 NÃO</b>
<b>Marine pollutants</b>	

**14.1 Special precautions for users**

For individual protection, see section 8.

**RID**

<b>14.2 UN number</b>	UN 2014
<b>14.3 Appropriate name for boarding</b>	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
<b>14.4 Transport hazard class</b>	5.1
Subsidiary hazard class:	8
Label(s):	5.1 (8)
<b>14.5 Packing group</b>	
Packing group	II
Classification Code	OC1
<b>14.6 Environmental hazards</b>	NÃO
<b>14.7 Special precautions for users</b>	
Hazard Identification Number:	58

For individual protection, see section 8.



**ADR**

<b>14.1 UN number</b>	UN 2014
<b>14.2 Appropriate name for boarding</b>	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
<b>14.3 Transport hazard class</b>	5.1
Subsidiary hazard class:	8
Label(s):	5.1 (8)
<b>14.4 Packing group</b>	
Packing group	II
Classification Code	OC1
<b>14.5 Environmental hazards</b>	NÃO
<b>14.1 Special precautions for users</b>	
Hazard Identification Number:	58
Tunnel restriction code	(E)

For individual protection, see section 8.

**IMDG**

<b>14.1 ONU Number</b>	UN 2014
<b>14.2 Appropriate name for boarding</b>	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
<b>14.3 Transport risk class</b>	5.1
Subsidiary hazard class	8
Label(s):	5.1 (8)
<b>14.4 Packaging group</b>	
Packaging group	II
<b>14.5 Environmental hazards</b>	NONE
<b>Marine pollutants</b>	
<b>14.1 Special precautions for users</b>	
EmS	F-H , S-Q

For individual protection, see section 8.

**Mass transport in accordance with Annex II to MARPOL 73/78 and Code IBC**  
 data not available

**IATA**

<b>14.1 ONU Number</b>	UN 2014
<b>14.2 Appropriate name for boarding</b>	Not allowed for transportation
<b>14.3 Transport risk class</b>	Not allowed for transportation
<b>14.4 Packaging group</b>	
<b>14.5 Environmental hazards</b>	None
<b>14.6 Special precautions for users</b>	
Packaging instructions (Cargo Aircraft)	Not allowed for transportation
Packaging instructions (passenger Aircraft )	Not allowed for transportation

Other Information : IATA: allowed below 40%

Note: The above-mentioned regulatory requirements are those that are in force on the day of the update. However, given the continuous evolution of the regulations governing the transport of hazardous materials, it is advisable to ensure the validity of the same with your commercial agency.

**Regulations****15.1 Safety, health and environmental standards specific to the substance or mixture**

### State Notification

Inventário de Informação	Estado
United States TSCA Inventory	Listed in inventory
Canadian Domestic Substances List (DSL)	Listed in inventory
Australia Inventory of Chemical Substances (AICS)	Listed in inventory
Japan. CSCL - Inventory of Existing and New Chemical Substances	Listed in inventory
Korea. Korean Existing Chemicals Inventory (KECI)	Listed in inventory
China. Inventory of Existing Chemical Substances in China (IECSC)	Listed in inventory
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Listed in inventory
Mexico INSQ (INSQ)	Listed in inventory
New Zealand. Inventory of Chemical Substances	Listed in inventory
EU. European Registration, Evaluation, Authorisation and Restriction of Chemical (REACH)	- When acquired from a European legal entity of Solvay, this product complies with the registration provisions of Regulation REACH (EC) No. 1907/2006, as all its components are excluded, exempt, pre-registered and/or registered. When purchased from a legal entity outside Europe, please contact your local representative for additional information.

### Other information

#### Full text of the H Declarations referred to in sections 2 and 3.

- H271 Can aggravate a fire, comburent.
- H272 Can aggravate a fire, comburent.
- H302 Harmful when ingested..
- H314 Causes severe burns to the skin and damage to the eyes.
- H318 Causes severe eye damage.
- H335 May cause respiratory irritation.
- H401 Toxic to aquatic organisms.
- H412 Harmful to aquatic organisms, with prolonged effects

#### Legend of abbreviations and acronyms

- TWA 8 hour average, time weighted

#### Informações complementares

- This card has been updated (see date at the top of the page). Subtitles and text that have been modified from the previous version are marked with two vertical bars.
- New edition to distribute to customers.

The information contained in this FISPQ has a reference character, allocating its current data according to our best scientific knowledge. However, they do not replace existing rules and legislation. The data presented in this FISPQ relate specifically to the product in question and cannot be taken into account when the product is being used in combination with others. The FISPQ does not exempt the user from compliance with the applicable standards and legislation, and the special rules concerning the transportation, storage, use and handling of the product must be observed.

"NB: In this document the numerical separator for the thousands is "." (point), the decimal separator is ",", (comma)."