

In accordance with the law NBR 14725-4 da ABNT (Brazilian Association of Technical Standards)

## Liquid pH Lift - PH+

Version 2.0

Date of revision 03.04.2020

Data of printing 03.04.2020

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>1 - IDENTIFICATION</b>	
Product name (comercial name):	pH Lift
Main recommended uses for the substance or mixture:	Raise the pH value in pool water
Company name:	CAMP QUÍMICA INDÚSTRIA LTDA
Address:	AV. DR. JOSÉ BONIFACIO COUTINHO NOGUEIRA, 150 – CAMPINAS/SP
Contact telephone:	(19) 3199.4191
Emergence contact telephone:	0800 000 1074
Fax:	---
Email:	sac@campquimica.com.br

### SEÇÃO 2. Danger identification

#### Classification of GHS

ABNT NBR 14725-2

Corrosive to metals : Category 1

Corrosive to the skin : Category 1B

Serious eye injury : Category 1

#### Elements of rotation of GHS

ABNT NBR 14725-2

Pictogram of risk :



Word of warning : Danger

Hazard sentences : H290 May be corrosive to metals.  
H314 Causes severe burns to the skin and damage to the eyes.

Precautionary phrases

:

**Prevention:**

**P260 Do not inhale fog or vapour.**

**P264 Wash the skin carefully after handling.**

P280 Use protective gloves / protective clothing / eye protection / facial protection.

**Emergency response:**

P303 + P361 + P353 IN CONTACT WITH THE SKIN

(or with hair): Immediately remove all frozen clothes. Rinse the skin with water/take a shower.

P304 + P340+ P310 IN HAVING INHALATION: Remove

person to a ventilated place and keep it resting in a position that does not make it difficult to breathe. Contact a TOXICOLOGICAL INFORMATION CENTER or a doctor.

P305 + P351 + P338 + P310 IN CASO OF CONTACT WITH

EYES: Rinse carefully with water for several minutes. If you are wearing contact lenses, remove them if it is easy. Keep rinsing. Contact a TOXICOLOGICAL INFORMATION CENTER or a doctor.

P363 Wash contaminated clothing before using it again.

**Other hazards not resulting in classification.**

No information available

---

### SECTION 3. COMPOSITION AND INFORMATION ON THE INGREDIENTS

Chemical Nature : Mix

#### Dangerous components

Chemical Name	CAS N°	Concentration (% w/w)
Sodium Hydroxide, Solution	1310-73-2	10

---

### SECTION 4. PRIME-HELP MEASURES

- If inhaled : Switch to the open air  
If breathing is irregular or stops, apply artificial breathing.  
To administer oxygen.  
The first aid provider must protect himself. Call the doctor immediately..
- In case of contact with the skin : After contact with the skin, wash immediately and abundantly with soap and water.  
Call the doctor immediately..
- In case of contact with the eye : Wash immediately with plenty of water, including under the eyelids, for at least 15 minutes.  
Call the doctor immediately.
- If ingested : Call the doctor immediately.

	Wash your mouth with water and drink plenty of water soon afterwards. Do not provoke vomiting without medical advice. Never give anything through the mouth to an unconscious person.
Symptoms and effects more important, acute and delayed	: No information available.
Notes to the doctor	: No information available.

#### **SECTION 5. Fire control measures**

Appropriate extinction means	: nebulized water Dry powder Foam Carbon dioxide (CO <sub>2</sub> )
Specific hazards in fire fighting	: Heating or fire can release a toxic gas. Reacts with most metals to form flammable hydrogen gas.
Specific extinguishing methods	: Closed containers should be vaporized with water.
Special equipment for the protection of persons involved in firefighting	: Use autonomous breathing equipment in case of fire.

#### **SECTION 6. CONTROL MEASURES FOR LOWING OR LEAKING**

Personal precautions, protective equipment and emergency procedures:	: Use a respirator during operations with potential exposure to product steam. Stop the source of the spill as soon as possible and notify appropriate personnel. Evacuate personnel to safe areas. For deletion considerations, see section 13.
Environmental precautions	: Do not discharge into surface waters or in the sanitary sewer.
Methods and materials of containment and cleaning	: Control and recover the spilled liquid with a non-fuelable absorbent product, (e.g. sand, earth, diatomaceous soil, vermiculite) and place the liquid inside containers for disposal according to local/national regulations (see section 13).

## SECTION 7. MANUAL AND STORAGE

Guidance for fire and explosion prevention : Take precautions to avoid electrostatic discharges.

### Recommendations for safe handling

- Hygiene measures : Avoid contact with skin and eyes.  
Provide adequate air exchange and/or exhaust system in the workshops.
- Hygiene measures : Wash hands before interruptions of work, and immediately after handling the product.  
Avoid contact with skin, eyes and clothing.  
Remove and wash contaminated clothing and gloves, including the interior, before being used again.
- Materials to Avoid : See Section 10, "Incompatible Materials".

## SECTION 8. EXPOSITION CONTROL AND INDIVIDUAL PROTECTION

### Components with parameters to control in the workplace

Components	Nº CAS	Value type (Exposure shape)	Control Parameters/ Allowed concentration	Base
Sodium Hydroxide	1310-73-2	TLV-C	2 mg/m3	BR OEL
Additional information: Source of the limit value: ACGIH				
			2 mg/m3	ACGIH

### Personal protective equipment(PPE)

- Respiratory protection : In case of steam formation use respiratory apparatus with approved filter.
- Hand protection Materials : Nitric rubber

Permeability rate	:	> 480 min
Eye protection	:	Well-adjusted safety glasses Face protection
Body and skin protection	:	Choose a protection for the body according to the quantity and concentration of hazardous substances in the workplace. Plastic or rubber header Boots of plastic or Rubber

---

### SECTION 9. Physical and chemical properties

Appearance	:	líquid
Color	:	incolor
Smell	:	data not available

---

Smell limit	:	data not available
pH	:	> 12,9 Concentração: 5 % solução
Melting/freezing point	:	data not available
Initial boiling point and range boiling temperature	:	data not available
Point of inflammation	:	Não aplicável
Evaporation rate	:	data not available
Flammability (solid, gas)	:	data not available
Flammability (liquids)	:	data not available
Upper explosiveness limit	:	data not available
Lower explosiveness limit	:	data not available
steam pressure	:	data not available
Relative Density of Steam	:	data not available
Relative Density	:	data not available

Density	:	1,1 g/cm <sup>3</sup>
Solubility in water	:	solúvel
Partition coefficient (n-octanol/water)	:	data not available
Self-ignition temperature	:	data not available
Decomposition temperature	:	data not available
Viscosity, dynamics	:	data not available
Viscosity, kinematics	:	data not available
Oxidizing properties	:	The substance has no oxidizing properties

---

## SEÇÃO 10. ESTABILIDADE E REATIVIDADE

Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	Stable under normal conditions.
Conditions to be avoided	:	High temperatures Contact with incompatible substances
Incompatible materials	:	Strong oxidizing agents Strong acids Metals
Dangerous decomposition products	:	Hydrogen Sodium Oxides Carbon dioxide (CO <sub>2</sub> ) Carbon monoxide

---

## SECTION 11. TOXICOLOGICAL INFORMATION

### **Corrosion/irritation of the skin.**

Result: Corrosive to the skin

### **Severe eye injury/eye irritation**

Result: Corrosive for the eyes

### **Respiratory or skin sensitization**

Notes: Not considered a skin sensitizer.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

data not available

**Persistence and degradability**

data not available

**Bioaccumulative**

**potential Components:**

**Sodium hydroxide:**

Partition coefficient (n-octanol/water) : Notes: Not applicable

**Mobility on the ground**

data not available

**Other adverse effects**

additional ecological information : There is no data on this product.

## SECTION 13. Treatment and disposal considerations

**Disposal methods**

Contaminated packaging : Make the disposal of contents and containers according to the regulations of the site.

## SECTION 14. TRANSPORT INFORMATION

**IATA**

**UN Number** : 1824  
**Appropriate name for boarding** : Sodium hydroxide, solution  
**Transport risk class** : 8  
**Packaging Group** : II  
**Labels** : 8  
**Environmental hazards** : no

**IMDG**

**UN Number** : 1824  
**Appropriate name for boarding** : Sodium hydroxide, solution  
**Transport risk class** : 8  
**Packaging Group** : II  
**Labels** : 8

EmS Number 1 : F-A  
 EmS Number 2 : S-B  
**Environmental hazards** : Marine pollutant: no

**ADR**

**UN Number** : 1824  
**Appropriate name for boarding** : Sodium hydroxide, solution  
**Transport risk class** : 8  
**Packaging Group** : II  
 Classification Code : C5  
 Risk number : 80  
 Labels : 8  
**Environmental hazards** : no

**Special precautions for users** : none

**Mass transport accordingly with Annex II to MARPOL 73/78 and the IBC Code** : Not applicable

**15 - INFORMATION ABOUT REGULATIONS**

Regulations:	ABNT NBR – 14725 Resolution ANTT N° 5232, de day 14 of dezember of 2016, Ministry of Transport. IMDG CODE
--------------	---

**16- OTHER INFORMATIONS**

Important information, but not specifically described in the previous sections.

This FISPQ was developed on the basis of current knowledge on the proper handling of the product and under normal conditions of use, according to the application specified on the packaging. Any other form of use of the product involving its combination with other materials, in addition to different uses than those indicated, are the responsibility of the user. Please note that the handling of any chemical substance requires prior knowledge of its dangers by the user. In the workplace it is up to the company that uses the product to promote the training of its employees on the possible risks arising from exposure to the chemical.

FISPQ prepared in December 2020