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Product name: **CANNA pH PLUS PRO**

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### 1. IDENTIFICATION OF PRODUCT AND COMPANY

Product name: CANNA pH PLUS PRO

Address: CANNA International BV  
P.O. Box 161  
4900 AD Oosterhout NB

Phone: ++31 (0)162 - 494843

Fax: ++31 (0)162 - 495999

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name: Potassium carbonate and potassium hydroxide solution in water

Hazardous ingredients: Potassium carbonate ( $K_2CO_3$ ) and potassium hydroxide (KOH 20%)

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### 3. HAZARDS IDENTIFICATION

Reacts strongly with acids under formation of carbon dioxide and reacts under formation of hydrogen ( $H_2$ ) with base metals.

Specific dangers:

Danger of suffocation when carbon dioxide concentration in air exceeds 12 %. Hydrogen gives explosion danger

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### 4. FIRST-AID MEASURES

Eye contact: Wash out immediately with plenty of water (minimal 15 minutes). Seek medical treatment

Skin contact: Take immediately off all contaminated clothing. Wash with plenty of water. Seek medical treatment

Inhalation: Fresh air, rest, seek medical treatment

Ingestion: Give plenty of water to drink if swallowed, do NOT induce vomiting. Seek medical treatment

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### 5. FIRE-FIGHTING MEASURES

Water based ingredients. Non- combustible.

Extinguishing media: Water.

Specific risks: Hydrogen can cause explosions

Protective clothing: Wear protective clothing and use respiratory protective device in case of fire.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid contact with skin and eyes. Wear protective clothing, eye/face protection and gloves

Dé oplossing voor groei en bloei

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Environmental precautions

Do not allow to enter drains, sewers or watercourses. Absorb spillage onto sand, earth or any suitable adsorbent material (do not use saw dust) Wait for several hours and wash the area with water.

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### 7. HANDLING AND STORAGE

Handling: Use personal protection  
Avoid contact with skin or eyes.

Storage: Keep the packaging closed. Keep in original packaging

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection: ensure proper ventilation  
wear eye/face protection  
wear alkali resistant gloves  
don't eat, drink or smoke during work  
wear protective clothing

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Colour:	transparent
pH (10g/l water; 25 °C):	13
Crystallization (°C)	-10°C
Density (kg/l):	1.4
Solubility (water):	100 %
Viscosity (mPa.s):	3.6cP

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### 10. STABILITY AND REACTIVITY

Stability: stable under normal conditions.

Materials to avoid: zinc, aluminium, iron en acids

Dangerous decomposition products: Carbon dioxide (CO<sub>2</sub>)

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### 11. TOXICOLOGICAL INFORMATION

General:	Danger of suffocation when carbon dioxide concentration in air exceeds 12 %.
Inhalation:	Injury to bronchial tubes
Skin contact:	Corrosive
Eye contact:	Corrosive
Ingestion:	Injury to alimentary canal

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### 12. ECOLOGICAL INFORMATION

Ecotoxicity: By increasing the pH the biological equilibrium of the aquatic environment can be disturbed.

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### 13. DISPOSAL CONSIDERATIONS

Polluted packing: Rinse with water  
Remainders: Dilute with large amounts of water. Disposal should be in accordance with local, state and national legislation.

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### 14. TRANSPORT INFORMATION

EG-index-number.: 019-002-00-8  
UN number.: 1814  
ADR/RID class: 8.42B  
INO/INDG class: 8  
ICAO/IATA class: 8

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### 15. REGULATORY INFORMATION

Symbol(s)	C	Corrosive
R-Phrase(s)	R34	Causes burns
S-Phrase(s)	S1/2 S26 S37/39 S45	Keep locked up and out of reach children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. Wear proper gloves and eye/face protection In case of accident or if you feel unwell seek medical advise immediately (show this label if possible)

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### 16. OTHER INFORMATION

These data are based on present knowledge. However they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.