

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY / UNDERTAKING

Product name: CANNA pH+ Pro

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The Netherlands

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name: Potassium carbonate, potassium hydroxide in water
Hazardous ingredients: Potassium carbonate (K₂CO₃), potassium hydroxide (KOH 20%)

3. HAZARDS IDENTIFICATION

Reacts strongly with acids under formation of carbon dioxide and reacts under formation of hydrogen (H₂) with base metals.

Specific dangers:

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

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

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.

6. ACCIDENTAL RELEASE MEASURES

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

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.

7. HANDLING AND STORAGE

Handling: Use personal protection, avoid contact with skin or eyes.

Storage: Keep the packaging closed. Keep in original packaging. Keep out of reach from children.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Transparent
pH (10g/l water; 25 °C):	13
Melting point (° C):	-18°C
Crystallization (°C)	-10°C
Density (kg/l):	1.45
Solubility (water):	100 %
Viscosity (mPa.s):	3.6cP

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Materials to avoid:	Zinc, aluminium, iron en acids
Dangerous decomposition products:	Carbon dioxide (CO ₂)

11. TOXICOLOGICAL INFORMATION

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

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.	

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

15. REGULATORY INFORMATION

Symbol(s)	X	Irritant
R-Phrase(s)	R36 R38	Irritating to eyes Irritating to skin
S-Phrase(s)	S1/2 S26	Keep locked up and out of reach children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.
	S37/39 S45	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)

16. OTHER INFORMATION

The 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.