

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

Product name: CANNA pH-Bloom

Address: Canna International BV  
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The Netherlands

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical name: Phosphoric acid solution

HAZARDOUS INGREDIENT	% (w/w)	CAS nr	Einecs nr	Symbol	R-phrases
Phosphoric acid	59	7664-38-2	231-633-2	C	R 34

**3. HAZARDS IDENTIFICATION**

The product is corrosive to eyes and skin, causes burns.

Eye contact: Corrosive, causes pain, poor sight

Skin contact: Corrosive, causes pain, burns

Inhalation: Corrosive, causes shortness of breath, vomiting.

Inhalation of great amounts causes loss of consciousness

Ingestion: Corrosive, causes stomach-ache, sore throat, vomiting

**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: all media allowed.

When heated harmful gases may be formed. Use respiratory protective device.

**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) or neutralize with bicarbonate e.g. soda (sodium carbonate; this causes a exothermic reaction!). Wait for several hours and wash the area with water.

**7. HANDLING AND STORAGE**

Handling: Do not add water to the product (always add product to water)  
Use personal protection  
Avoid contact with skin or eyes.

Storage: Keep the packaging closed. Keep away from bases

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

MAC value: 1 ppm (as 100 % Phosphoric acid)

Personnel protection: ensure proper ventilation ; wear eye/face protection; wear gloves; wear protective clothing

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	liquid
Colour:	transparent
Odour threshold (ppm):	< 1
Melting point (deg C):	-18°C
Crystallization (°C)	0°C
Density (kg/l):	1.4
Solubility (water):	100 %

**10. STABILITY AND REACTIVITY**

Stability:	Stable under normal conditions.
Materials to avoid:	Alkaline products.
Dangerous decomposition products:	> 200°C Phosphoroxide

**11. TOXICOLOGICAL INFORMATION**

Inhalation:	Corrosive, throat irritation, shortness of breath, coughing, causes pain
Skin contact:	Corrosive, redness, pain, burns
Eye contact:	Corrosive, redness, poor sight
Ingestion:	Corrosive, throat irritation, stomach, sickness.

**12. ECOLOGICAL INFORMATION**

Decomposition:	Biological degradable
Bio-accumulation:	Does not occur
Mobility:	Water soluble; fast diversion takes place
Ecotoxicity:	Damaging effects on water organisms. Keep out of waterways and groundwater.

**13. DISPOSAL CONSIDERATIONS**

Polluted packing:	Rinse with water
Remainders:	Neutralize with soda (strong reaction) and mix residue with soil or sand. Also possible is to dilute with large amounts of water. Disposal should be in accordance with local, state and national legislation.

**14. TRANSPORT INFORMATION**

Ensure the product is clean before loading the product.

EG-index-number.:	015-011-00-6
UN number.:	1805
ADR/RID class:	8.17C
INO/INDG class:	8
ICAO/IATA class:	8

**15. REGULATORY INFORMATION**

Symbol(s):	C- Corrosive
R-Phrase(s)	R34 Causes burns
S-Phrase(s)	S1/2 Keep locked up and out of reach children. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. S45 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.