



LUXEMBOURG

# SAFETY DATA SHEET

Issue date: 02/07/2019

## 1. Identification of the substance or mixture and of the supplier

**Product:** CANON PH  
**Recommended use:** Fungicide  
**Supplier:** Luxembourg Industries Ltd.  
27 Hamered St., Tel Aviv, 6812509 ISRAEL  
**Emergency phone number:** +972 3 796 4300

## 2. Hazards identification

**Classification of the product according to the Global Harmonized System of Classification and Labelling of Chemicals (GHS).**

**Hazard classification:** Eye Damage/Irritation: Category 2  
**Label elements:** Pictogram:  Signal word: Warning

**Hazard statement(s):** H319 Causes serious eye irritation.

### Precautionary statement(s):

**Prevention:** P264 Wash exposed skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
**Response:** P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
**Storage:** No precautionary statements.  
**Disposal:** P501 Dispose contents/container in accordance with local regulations.  
**Other hazards:** Not known.

## 3. Information on ingredients contributing to hazard

**Chemical name:** Mixture of phosphonic acid, mono-ammonium and di-ammonium salts.  
**Common name:** Ammonium phosphonate, Phosphonic acid, mono and diammonium salts.  
**Chemical formula:**  $H_6NO_3P$ ,  $H_9N_2O_3P$   
**CAS No.:** 13446-12-3 and 22132-71-4  
**Content:** 350 g/L  $H_3PO_3$  (29.4%) phosphonic acid and 495 g/L (41.6%) ammonium phosphonates

CANON PH SDS  
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**LUXEMBOURG INDUSTRIES LTD**

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#### 4. First-aid measures

- Ingestion:** Call a poison control center or doctor if you feel unwell.  
Have person sip a glass of water if able to swallow.  
Do not induce vomiting unless told to by a poison control center or doctor.  
Do not give anything to an unconscious person.
- Inhalation:** Move person to fresh air and keep at rest in a position comfortable for breathing.  
Call a poison control center or doctor if you feel unwell.
- Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.
- Skin:** Take off contaminated clothing.  
Rinse skin immediately with plenty of soap and water.  
If skin irritation occurs: Get medical advice/attention.

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

May cause skin and eyes irritation.

#### Indication of any immediate medical attention and special treatment needed.

There is no specific antidote. Treat symptomatically.

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#### 5. Fire-fighting measures

- Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide (CO<sub>2</sub>).
- Specific hazards arising from the substance or mixture:** Phosphorous oxides, carbon oxides, nitrogen oxides (NO<sub>x</sub>), and hydrogen chloride gas.
- Special protective equipment and precautions for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.
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#### 6. Accidental release measures

- Personal precautions, protective equipment:** Use personal protective equipment. Avoid breathing mist/vapours. Ensure adequate ventilation.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let the product enter drains. Avoid discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters. Avoid release to the environment.

**Methods and materials for containment and cleaning up:** Contain product with an inert diking material. Vacuum up as much as possible. Put the residues into suitable closed containers for disposal according to the local regulations.

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## 7. Handling and storage

**Precautions for safe handling:** Wear suitable protective clothing. Do not eat, drink or smoke during product handling. When opening a packaging, do it in a way to avoid leaks and formation of dust and aerosols. Normal measures for preventive fire protection.

**Appropriate engineering controls:** Use general and local exhaust ventilation.

**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry place and in such a manner as to prevent cross contamination with food, drink and animal feed, separate from oxidizing materials like sodium hypochlorite. Store in original container and out of reach of children, preferably in a locked storage area. Keep container tightly closed and well-ventilated place.

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## 8. Exposure controls / personal protection

**Occupational exposure limits:**

OSHA PEL-TWA:	Not established
ACGIH (2015) TLV-TWA:	Not established
Workplace exposure limits (WELs):	Not established

**Appropriate engineering controls:** Use general and local exhaust ventilation.

**Personal protective equipment:**

**Respiratory protection:** Where respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

**Eye protection:** Face shield and safety glasses.

**Skin /face protection:** Wear long-sleeved shirt and long pants and shoes plus socks.

**Hand protection:** Chemical-resistant gloves with barrier laminate made of materials such as, butyl rubber thicker than 14 mils, nitrile rubber thicker than 14 mils, neoprene rubber thicker than 14 mils, PVC thicker than 14 mils, and Vitron thicker than 14 mils.

**Hygiene measures:**

Avoid contact with skin, eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/Personal Protective Equipment (PPE) immediately after handling this product or if pesticide gets inside. Before removing gloves clean them with soap and water. Wash thoroughly and put on clean clothing.

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**9. Physical and chemical properties**

<b>Appearance:</b>	Transparent liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Inodorous
<b>Odor threshold:</b>	Not available
<b>pH (25°C, 5% in water):</b>	6.5-7.5
<b>Melting point/Freezing point:</b>	Not available
<b>Boiling point:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flash point:</b>	Not available
<b>Flammability (solid, gas):</b>	Not flammable
<b>Upper/lower flammability or explosive limits:</b>	Not available
<b>Vapour pressure (25°C):</b>	Not available
<b>Vapour density:</b>	Not available
<b>Density (20°C):</b>	1.19 g/ml
<b>Relative density:</b>	Not available
<b>Specific gravity:</b>	Not available
<b>Solubility in water (25°C):</b>	Not available
<b>Partition coefficient n-octanol/water (23°C):</b>	Not applicable
<b>Ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity (25°C):</b>	Not available

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**10. Stability and reactivity**

<b>Reactivity:</b>	Not available.
<b>Chemical stability:</b>	Stable at ambient temperature and under recommended storage and handling conditions.
<b>Possibility of hazardous reactions:</b>	Not available.
<b>Conditions to avoid:</b>	Not available.
<b>Incompatible materials:</b>	Separate from chlorates, nitrates and other oxidizing materials.
<b>Hazardous decomposition products:</b>	Not available.

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**11. Toxicological information**

<b>Acute toxicity</b>	Not available.
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**Skin corrosion/irritation**

Skin irritation (rabbit): Not available.

**Serious eye damage/irritation**

Eye irritation (rabbit): Causes serious eye irritation.

**Respiratory or skin sensitization**

Dermal sensitization (guinea pig): Not available.

**Germ cell mutagenicity:**

Not available.

**Carcinogenicity:**

Not available.

**Reproductive toxicity:**

Not available.

**STOT\* single exposure:**

Not available.

**STOT repeated exposure:**

Not available.

**Aspiration hazard:**

Not available

\*Specific Target Organ Toxicity

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**12. Ecological information**

**Ecotoxicity:** Not available.

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Not available.

**Other adverse effects:** Not available.

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**13. Disposal considerations**

Do not reuse empty container. Wash empty packages three times with water and pour the washing water to the tank sprayer. Make holes in the bottom of the empty packages and bury them in the soil far away from water sources.

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**14. Transport information**

Not regulated for transportation.

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**15. Regulatory information**

This data sheet complies with the requirements of the Global Harmonized System of Classification and Labelling of chemicals (GHS).

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**16. Other information**

*The information contained herein is applicable solely to the indicated product, and does not relate to any other use of this product as described. Its use is intended by persons having technical skill and at their own discretion and risk. The information has been developed from sources reliable. This information is furnished without warranty, expressed or implied, including the warranties of merchantability and fitness for a particular purpose is made with respect to the information contained herein.*

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