

## CP CleanER™

### Section 1: Identification of the Substance or Mixture and of the Supplier

|                             |   |
|-----------------------------|---|
| <b>Product name:</b>        | CP CleanER  |
| <b>Recommended use:</b>     | A water stain remover for use on kiwifruit  |
| <b>Company details:</b>     | Grochem (AgriNova New Zealand Limited)<br>15 Sunlight Grove<br>Porirua<br>New Zealand   |
| <b>Telephone:</b>           | +64 4 237 0905  |
| <b>Email:</b>               | grochem@grochem.co.nz   |
| <b>Emergency telephone:</b> | New Zealand<br>0800 CHEMCALL – 24 hours<br>(0800 243 6225)<br><br>Australia 1800 127 406<br>Other locations +64 4 917 9888<br><br>or<br>The National Poisons Centre<br>0800 POISON (0800 764 766) |
| <b>Date of preparation:</b> | 29 August 2017  |

### Section 2: Hazards Identification

|   |   |
|---|---|
| <b>Hazard classification (Transport):</b> | Class 8, packing group III.   |
| <b>Hazardous substances (HSNO):</b>       | 6.1E (WARNING: May be harmful if swallowed)<br>8.1A (WARNING: May be corrosive to metals)<br>8.2C (DANGER: Causes severe skin burns and eye damage)<br>8.3A (DANGER: Causes serious eye damage) |



### Section 3: Composition/Information on Ingredients

**Classification & type: Mixture**

| Material                 | CAS No.   | Proportion (%w) |
|--------------------------|-----------|-----------------|
| Phosphoric Acid          | 7664-38-2 | 10-20%          |
| Calcium Phosphates       | -         | 25-30%          |
| Non-hazardous components |           | to 100%         |

### Section 4: First Aid Measures

|                                     |   |
|-------------------------------------|---|
| <b>Symptoms of exposure:</b>        | No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms that may arise if the product is mishandled are: |
| If Swallowed                        | Unlikely, but large quantities will cause abdominal pains and burning.  |
| If in Eyes                          | Causes serious eye damage.  |
| If on Skin                          | Causes severe skin burns.   |
| If Inhaled                          | Mists may be discomfoting to the respiratory tract and prolonged contact may lead to breathing difficulty.  |
| <b>First aid actions:</b>           | Immediately call a POISON CENTRE or doctor/physician. If medical advice is needed, have product container or label at hand.   |
| If Swallowed                        | Rinse mouth. Do NOT induce vomiting.  |
| If in Eyes                          | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  |
| If on Skin (or Hair)                | Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.   |
| If Inhaled                          | Remove to fresh air and keep at rest in a position comfortable for breathing.   |
| <b>Workplace facilities:</b>        | Eye wash and safety shower.   |
| <b>Notes for medical personnel:</b> | Treat for exposure to acid.   |

### Section 5: Fire Fighting Measures

|   |   |
|---|---|
| <b>Type of Hazard:</b>                    | Corrosive, Non-Flammable.<br>Will form flammable hydrogen gas on contact with metals. |
| <b>HAZCHEM code:</b>                      | 2X  |
| <b>Combustion products:</b>               | Possible formation of poisonous gasses including Phosphorus oxides.                   |
| <b>Extinguishing media &amp; methods:</b> | Keep containers cool with water fog or mist when exposed to fire.                     |
| <b>Recommended protective clothing:</b>   | Wear full protective clothing including breathing apparatus.                          |

## Section 6: Accidental Release Measures

|                                  |  |
|----------------------------------|--|
| <b>Personal protection:</b>      | See Section 8.3 for appropriate PPE.   |
| <b>Containment and clean up:</b> | May be neutralised with lime. Contain and absorb spillage to prevent material damage. Rinse contaminated area with water and absorb rinsate.               |
| <b>Special requirements:</b>     | See Section 13 for instructions for the disposal of waste/contaminated material. An Emergency Response Plan is required for quantities of 10,000L or more. |

## Section 7: Handling and Storage

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|----------------------|--|
| <b>Subsection 1:</b> | <b>Handling</b>  |
| Handling practices   | Wear appropriate PPE as detailed in Section 8.3.<br>Keep out of reach of children.<br>Read label before use. |
| <b>Subsection 2:</b> | <b>Storage</b>   |
| Site requirements    | Store locked up in original container.<br>Bunding is required for quantities greater than 10,000L.           |
| Packaging            | Keep only in original container.   |

## Section 8: Exposure Controls/Personal Protection

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|--|---|
| <b>Subsection 1:</b>                     | <b>Workplace Exposure Guidelines (may also be considered in section 2)</b>                                      |
| Workplace exposure standards             | No exposure limits have been set.   |
| Exposure Standards outside the workplace | No exposure limits have been set.   |
| <b>Subsection 2:</b>                     | <b>Engineering Controls</b>   |
| Exposure control measures                | Avoid unnecessary generation of mists and fog. Do not breathe mist.<br>Use plastic or stainless steel fittings. |
| <b>Subsection 3:</b>                     | <b>Personal Protective Equipment (PPE)</b>  |
| Detail specifications for equipment      | Wear protective gloves; wear full-face protection; and apron or body protection.                                |
| General hygiene                          | Wash thoroughly after handling.   |

## Section 9: Physical and Chemical Properties

|                                |                      |                                 |               |
|--------------------------------|----------------------|---------------------------------|---------------|
| <b>Appearance</b>              | Clear, Yellow Liquid | <b>pH</b>                       | 2.5           |
| <b>Odour</b>                   | -                    | <b>Boiling point (degC)</b>     | 100           |
| <b>Specific gravity (kg/L)</b> | 1.285                | <b>Freezing point (degC)</b>    | Not available |
| <b>Solubility</b>              | Infinite in water    | <b>Flammability Information</b> | -             |
| <b>Vapour density</b>          | Water                | <b>Flashpoint (degC)</b>        | Not flammable |
| <b>Vapour pressure</b>         | Water                |                                 |               |

Further properties: Corrosive to ferrous metals, aluminium, concrete.

**Section 10: Stability and Reactivity**

|  |   |
|--|---|
| <b>Stability of substance:</b>           | Stable.   |
| <b>Material to avoid:</b>                | Avoid contact with alkali materials and oxidising agents (Class 5). |
| <b>Hazardous decomposition products:</b> | Toxic gases may be released in a fire (see Section 5).              |
| <b>Hazardous polymerization:</b>         | Will not occur.   |

**Section 11: Toxicological Information**

|                                 |  |
|---------------------------------|--|
| <b>Data and interpretation:</b> | No toxicological data is known.<br>See Section 2 for general hazard information. |
|---------------------------------|--|

**Section 12: Ecological Information**

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| <b>Potential Environmental Interactions:</b> | Hazardous to living organisms and may dissolve some soil matter. Natural minerals will eventually reduce acidity however the phosphate may persist indefinitely. |
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**Section 13: Disposal Considerations**

|                            |   |
|----------------------------|---|
| <b>Product disposal:</b>   | May be neutralised with lime. Dispose in landfill with authorisation.               |
| <b>Container disposal:</b> | Triple-rinse container into the spray tank. Crush and bury at an approved landfill. |

**Section 14: Transport Information**

|                                       |  |
|---------------------------------------|--|
| <b>UN Number:</b>                     | 3264   |
| <b>DG Class and Subsidiary Group:</b> | 8  |
| <b>Proper shipping name:</b>          | Corrosive Liquid, Acidic, Inorganic, NOS   |
| <b>Packing group:</b>                 | III  |
| <b>HAZCHEM code:</b>                  | 2X   |
| <b>Special precautions:</b>           | Segregate from Oxidising substances (Class 5) and Foodstuffs.<br>Do not carry on the same vehicle as Explosive (Class 1) or Radioactive (Class 7) substances.<br>Do not carry more than 1L on a passenger service vehicle. |

## Section 15: Regulatory Information

**Regulatory status:** This product is approved under Fertilisers (Corrosive) Group Standard 2006 of the HSNO Act 1996. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions. Approval number HSR002569.

**HSNO Controls:** Trigger quantities for this substance:

|                           |              |
|---------------------------|--------------|
| SDS must be available for | Any quantity |
| Signage                   | 1000L        |
| Emergency plan            | 10,000L      |
| Bunding                   | 10,000L      |

## Section 16: Other Information

**Revision due:** 29 August 2022.

**Additional information:** Directions for use are found on the product label.

**Glossary:**

|      |   |
|------|---|
| CAS  | Chemical Abstract Services Number, used to uniquely identify chemical compounds |
| EPA  | Environmental Protection Agency   |
| HSNO | Hazardous Substances and New Organisms (legislation 1996)                       |
| PPE  | Personal Protective Equipment   |

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of Grochem, it is the user's responsibility to determine conditions of safe use of the product.