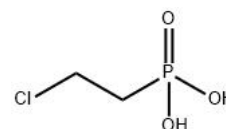


## Technical Data Sheet

### Ethephon

#### Compound Information

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| <b>Product Name:</b>      | Ethephon                                         |
| <b>CAS No.:</b>           | 16672-87-0                                       |
| <b>Molecular Formula:</b> | C <sub>2</sub> H <sub>6</sub> ClO <sub>3</sub> P |
| <b>Molecular Weight:</b>  | 144.49                                           |
| <b>Storage:</b>           | Store at 2 -8 °C                                 |
| <b>Revision Date:</b>     | 2026-04-15                                       |



#### Analytical Information

| Tests                  | Specifications                        |
|------------------------|---------------------------------------|
| Description            | Ethephon is a plant growth regulator. |
| Form                   | Powder                                |
| Color                  | White to beige                        |
| Melting Point          | 70-72 °C(lit.)                        |
| Assay by titration     | ≥ 98% (Neutralization titration)      |
| Solubility             | Water 90 mg/mL; DMSO 90 mg/mL         |
| Moisture               | 0.12%                                 |
| <a href="#">1H NMR</a> | Pass test                             |
| <a href="#">IR</a>     | Pass test                             |

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