

# Gibberellic Acid GA4+7-MATERIAL SAFETY DATA SHEET

## Manufacturer/information service:

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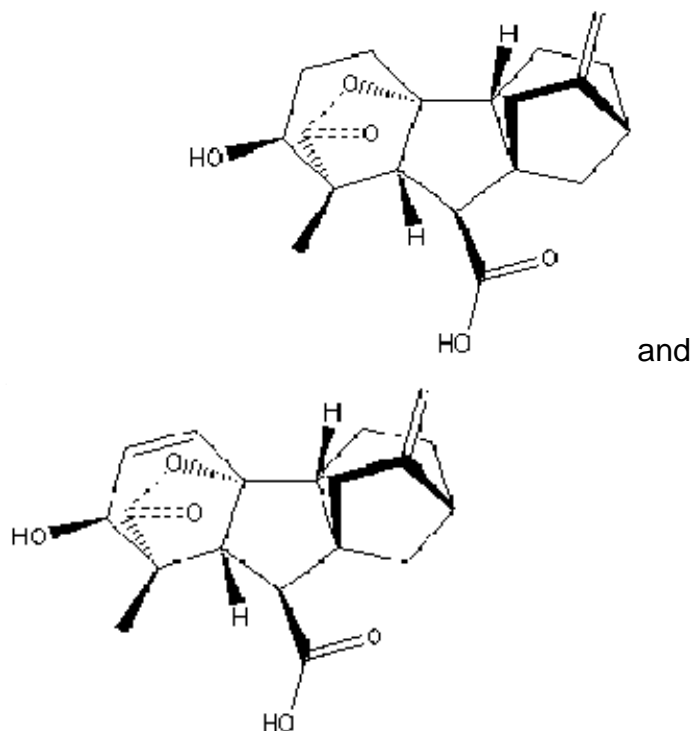
## 1. Chemical Product Identification

Product Name: Gibberellic Acid GA4+7

Molecular Formula: GA4: C<sub>19</sub>H<sub>24</sub>O<sub>5</sub>      GA7: C<sub>19</sub>H<sub>22</sub>O<sub>5</sub>

Molecular Weight: GA4: 332.39      GA7: 330.37

Structural Formula:



Chemical Name: Not applicable

Form: Solid

Color: White

Odor: Odorless

CAS No.: GA4: 468-44-0 GA7: 510-75-8

## 2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Gibberellic Acid	-----	90.0
Other ingredients		10.0

## 3. Hazards Identification

The substance is slightly irritant to eyes and skin.

## 4. First Aid Measures

Skin: flush with soap and water.

Eyes: flush with flowing water.

Swallowed: get medical aid.

## 5. Fire-Fighting Measures

Extinguishing media: dry chemical, sandy soil, chemical foam or carbon dioxide

Firefighting Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. Accidental Release Measures

Sweep up with spade, place into a dry, clean lidded container for disposal.

## 7. Handling And Storage

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame.  
Store in a tightly closed container.

## 8. Exposure Controls / Personal Protection

Wear appropriate protective clothing and safety gloves.

## 9. Physical and Chemical Properties

Appearance: white powder, solid

Melting point: 223-225 °C

Solubility: Weak soluble in water, 5g/L.

Solubility other organic materials: Soluble in methanol, ethanol, acetone;

Slightly soluble in aether, ethyl acetate; Insoluble in chloroform.

## **10. Stability And Reactivity**

Stable under normal condition.

Incompatibilities: Oxidants and food.

## **11. Toxicological Information**

Acute oral LD50 >15000mg/kg

This substance belongs to low toxic substances

## **12. Ecological And Ecotoxicological Information**

This substance does not belong to toxic substances

## **13. Disposal Considerations**

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## **14. Transport Information**

Not applicable.

## **15. Regulatory Information**

Not applicable.

## **16. Other Information**

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read

and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.