

# GardenTech Rootboost Rooting Hormone

## Safety Data Sheet

Date of issue: 06/23/2020

Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Trade name : GardenTech Rootboost Rooting Hormone  
Synonyms : EPA Reg. No.: 59807-4-71004, 100538120

#### 1.2. Recommended use and restrictions on use

Recommended use : Plant root growth enhancer.  
Restrictions on use : Keep out of reach of children. Avoid contact with eyes, skin or clothing.

#### 1.3. Supplier

TechPac, LLC.  
1000 Parkwood Circle , Suite 700  
Atlanta, GA 30339 - United States

General Product Information: 1-866-945-5033 - Monday - Friday 8am - 5pm CST  
www.gardentech.com

#### 1.4. Emergency telephone number

Emergency number : 1-800-420-9347 (Medical emergencies, human or animal)  
1-800-424-9300 – CHEMTREC (Transportation related emergencies)  
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

No labeling applicable

#### 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is not considered hazardous.

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name   | Product identifier   | %       |
|--|----------------------|---------|
| Indole-3-butyric Acid  | (CAS-No.) 133-32-4   | 0.1     |
| Talc   | (CAS-No.) 14807-96-6 | 95 – 99 |
| Non-hazardous and/or does not meet criteria for classification | (CAS-No.) N/A        | Balance |

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.  
First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

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- First-aid measures after eye contact : IF IN 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 and attention.
- First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Dry chemical, CO<sub>2</sub>, or water spray or regular foam.
- Unsuitable extinguishing media : Avoid heavy hose streams.

### 5.2. Specific hazards arising from the chemical

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Wear appropriate personal protective equipment, avoid direct contact.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment.
- Emergency procedures : Stop leak if safe to do so. Stay upwind. Ventilate area. Wear appropriate personal protective equipment, avoid direct contact.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Sweep or scoop spills, dispose of any unusable material in approved landfill. Use appropriate PPE.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust. Avoid dust formation.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. Store in cool, dry, secure place. Keep out of reach of children. Avoid excess heat.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Talc (14807-96-6) |                                |   |
|-------------------|--------------------------------|---|
| ACGIH             | ACGIH TWA (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter) |
| OSHA              | OSHA PEL (TWA) (ppm)           | 20 mppcf  |
| OSHA              | Remark (OSHA)                  | Table Z-3. CAS No. source: eCFR Table Z-1.  |
| IDLH              | US IDLH (mg/m <sup>3</sup> )   | 1000 mg/m <sup>3</sup> (containing no asbestos and <1% quartz)  |

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| Talc (14807-96-6) |                                      |   |
|-------------------|--------------------------------------|---|
| NIOSH             | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup> (containing no Asbestos and <1% Quartz-respirable dust) |

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.
- Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Wear protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

It is recommended for handlers to wear appropriate clothing to prevent skin contact including long sleeves, long pants, socks and shoes.

#### Respiratory protection:

In case of insufficient ventilation, use NIOSH approved respiratory protection.



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                                   |
|---|-----------------------------------|
| Physical state                                  | : Solid                           |
| Appearance                                      | : White to off-white fine powder  |
| Color   | : White to off-white              |
| Odor  | : No data available               |
| Odor threshold                                  | : No data available               |
| pH  | : Not applicable                  |
| Melting point                                   | : 124 – 126 °C (255.2 - 258.8 °F) |
| Freezing point                                  | : Not applicable                  |
| Boiling point                                   | : Not applicable                  |
| Flash point                                     | : Not applicable                  |
| Relative evaporation rate (butyl acetate=1)     | : No data available               |
| Flammability (solid, gas)                       | : Non-flammable                   |
| Vapor pressure                                  | : No data available               |
| Relative vapor density at 20 °C                 | : No data available               |
| Relative density                                | : No data available               |
| Solubility                                      | : No data available               |
| Partition coefficient n-octanol/water (Log Pow) | : No data available               |
| Auto-ignition temperature                       | : Not applicable                  |
| Decomposition temperature                       | : No data available               |
| Viscosity, kinematic                            | : Not applicable                  |
| Viscosity, dynamic                              | : Not applicable                  |
| Explosion limits                                | : Not applicable                  |
| Explosive properties                            | : Not explosive                   |
| Oxidizing properties                            | : Not applicable                  |

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Excessive heat. Avoid dust formation.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| GHS-US Properties                                  | Classification |
|--|----------------|
| Acute toxicity (oral)                              | Not classified |
| Acute toxicity (dermal)                            | Not classified |
| Acute toxicity (inhalation)                        | Not classified |
| Skin corrosion/irritation                          | Not classified |
| Serious eye damage/irritation                      | Not classified |
| Respiratory or skin sensitization                  | Not classified |
| Germ cell mutagenicity                             | Not classified |
| Carcinogenicity                                    | Not classified |
| Reproductive toxicity                              | Not classified |
| Specific target organ toxicity (single exposure)   | Not classified |
| Specific target organ toxicity (repeated exposure) | Not classified |
| Aspiration hazard                                  | Not classified |

### Potential health effects

#### Inhalation

Acute : May cause respiratory tract irritation.

#### Skin

Acute : May cause mild mechanical irritation.

#### Eye

Acute : May cause eye irritation.

#### Ingestion

Acute : Under normal conditions of use, no health effects are expected.

**Mutagenicity** : Not classified.

**Carcinogenicity** : Not classified.

**Reproductive Effects** : Not classified.

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

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### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## SECTION 14: Transport information

|             | UN number     | Proper Shipping Name | Transport hazard class(es) | Packing group | Environmental hazards |
|-------------|---------------|----------------------|----------------------------|---------------|-----------------------|
| <b>DOT</b>  | Not regulated | Not regulated        | Not regulated              | Not regulated | Not applicable        |
| <b>IMDG</b> | Not regulated | Not regulated        | Not regulated              | Not regulated | Not applicable        |
| <b>IATA</b> | Not regulated | Not regulated        | Not regulated              | Not regulated | Not applicable        |

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Indole-3-butyric Acid (133-32-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Talc (14807-96-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### FIFRA Labelling

EPA Registration Number 59807-4-71004

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

FIFRA Signal word

**Caution**

FIFRA Precautionary Statement

KEEP OUT OF REACH OF CHILDREN.

FIFRA Hazards to Humans and Domestic Animals

Causes moderate eye irritation. Wear protective eyewear (goggles, face shield or safety glasses). Harmful if inhaled or absorbed through the skin. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIFRA First Aid

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

FIFRA Environmental Hazards

For Terrestrial Uses: Do not apply directly to water, to areas where surface water is present or inter-tidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters or rinsates.

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### 15.2. US State regulations

No additional information available

## SECTION 16: Other information

Date of issue : 23 June 2020

SDS US (GHS HazCom 2012) - CGP

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