

Safety Data Sheet

acc. to OSHA HCS

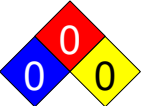
Printing date 03/14/2020

Reviewed on 03/14/2020

1 Identification

- **Product identifier**
- **Trade name:** *TrueSolum®*
- **Article number:** *Product Code: 1801*
- **Restrictions** *No relevant information available.*
- **Application of the substance / the mixture** *Crop Fertilizer and Soil Amendments*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
*GreenTech Ventures, Inc.
10302 McIntosh Road
Dover
FL 33527*
- **Information department:**
*Product safety department
GreenTech Ventures, Inc.
10302 McIntosh Road
Dover
FL 33527*
- **Emergency telephone number:** *813-328-3470*

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements** *The product is not classified as hazardous according to OSHA GHS regulations in United States.*
- **GHS label elements** *None*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**

 - Health = 0*
 - Fire = 0*
 - Reactivity = 0*
- **HMIS-ratings (scale 0 - 4)**

| | | |
|------------|---|-----------------------|
| HEALTH | 0 | <i>Health = 0</i> |
| FIRE | 0 | <i>Fire = 0</i> |
| REACTIVITY | 0 | <i>Reactivity = 0</i> |
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

3 Composition/information on ingredients

| | | |
|-----------|--|---------------|
| 7732-18-5 | <i>water, distilled, conductivity or of similar purity</i> | <i>99.95%</i> |
| | <i>Non hazardous ingredient</i> | <i>0.05%</i> |

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- **Chemical characterization: Mixtures**
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*
- **Dangerous components:** *none.*
- **Additional information:**
For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret. For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

- **Description of first aid measures**
- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:**
*Generally the product does not irritate the skin.
Rinse with warm water.
If skin irritation is experienced, consult a doctor.*
- **After eye contact:**
*Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*
- **After swallowing:**
*Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.*
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** *Gastric or intestinal disorders*
- **Danger** *No relevant information available*
- **Indication of any immediate medical attention and special treatment needed**
If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** *Use fire fighting measures that suit the environment.*
- **For safety reasons unsuitable extinguishing agents:** *No relevant information available.*
- **Special hazards arising from the substance or mixture** *No further relevant information available.*
- **Advice for firefighters**
- **Protective equipment:**
*Wear self-contained respiratory protective device.
Wear fully protective suit.*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** *Ensure adequate ventilation*
- **Environmental precautions:** *No special measures required.*
- **Methods and material for containment and cleaning up:**
Dispose of the collected material according to regulations.
- **Reference to other sections**
*See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.*

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· Protective Action Criteria for Chemicals

· PAC-1:

None of the ingredients is listed.

· PAC-2:

None of the ingredients is listed.

· PAC-3:

None of the ingredients is listed.

7 Handling and storage

· Handling:

· **Precautions for safe handling** *No special measures required.*

· **Information about protection against explosions and fires:** *No special measures required.*

· **Conditions for safe storage, including any incompatibilities**

· Storage:

· **Requirements to be met by storerooms and receptacles:**

Store only in the original receptacle.

Store in a cool location.

· **Information about storage in one common storage facility:** *Do not store together with acids.*

· **Further information about storage conditions:** *Keep receptacle tightly sealed.*

· **Specific end use(s)** *No further relevant information available.*

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** *No further data; see item 7.*

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** *The lists that were valid during the creation were used as basis.*

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:** *Not required.*

· **Protection of hands:** *Rubber gloves*

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** *Safety glasses*

· **Body protection:** *Not required under normal conditions of use.*

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form: *Liquid*
 Color: *Colorless*

· Odor: *Odorless*

· Odor threshold: *Not determined.*

· pH-value at 20 °C (68 °F): *6–8*

· Change in condition

Melting point/Melting range: *0 °C*
 Boiling point/Boiling range: *100 °C (212 °F)*

· Flash point: *Not applicable.*

· Flammability (solid, gaseous): *Not applicable.*

· Decomposition temperature: *Not determined.*

· Auto igniting: *Product is not selfigniting.*

· Danger of explosion: *Product does not present an explosion hazard.*

· Explosion limits:

Lower: *Not determined.*
 Upper: *Not determined.*

· Vapor pressure: *Not determined.*

· Density: *Not determined.*

· Relative density: *Not determined.*

· Vapor density: *Not determined.*

· Evaporation rate: *Not determined.*

· Solubility in / Miscibility with

Water: *Fully miscible.*

· Partition coefficient (n-octanol/water): *Not determined.*

· Viscosity:

Dynamic: *Not determined.*
 Kinematic: *Not determined.*

· Solvent content:

Water: *99.9 %*
 VOC content: *0.00 %*
0.0 g/l / 0.00 lb/gal

· Other information: *No further relevant information available.*

10 Stability and reactivity

· Reactivity: *No further relevant information available.*

· Chemical stability: *Stable under normal temperatures and pressures.*

· Thermal decomposition / conditions to be avoided: *No decomposition if used according to specifications.*

· Possibility of hazardous reactions: *Reacts with strong acids.*

· Conditions to avoid: *No further relevant information available.*

· Incompatible materials: *No further relevant information available.*

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· **Hazardous decomposition products:** *No dangerous decomposition products known.*

11 Toxicological information

· **Information on toxicological effects**· **Acute toxicity:**· **Primary irritant effect:**· **on the skin:** *No irritant effect.*· **on the eye:** *No irritating effect.*· **Sensitization:** *No sensitizing effects known.*· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**· **Aquatic toxicity:** *No further relevant information available.*· **Persistence and degradability** *No further relevant information available.*· **Behavior in environmental systems:**· **Bioaccumulative potential** *No further relevant information available.*· **Mobility in soil** *No further relevant information available.*· **Additional ecological information:**· **General notes:** *Not hazardous for water.*· **Results of PBT and vPvB assessment**· **PBT:** *Not applicable.*· **vPvB:** *Not applicable.*· **Other adverse effects** *No further relevant information available.*

13 Disposal considerations

· **Waste treatment methods**· **Recommendation:**

Smaller quantities can be disposed of with household waste.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packagings:**· **Recommendation:** *Disposal must be made according to official regulations.*

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· Recommended cleansing agent: *Water, if necessary with cleansing agents.*

14 Transport information

| | |
|---|------------------------|
| · UN-Number | |
| · DOT, IMDG, IATA | <i>not regulated</i> |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | <i>not regulated</i> |
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | <i>not regulated</i> |
| · Packing group | |
| · DOT, IMDG, IATA | <i>not regulated</i> |
| · Environmental hazards: | <i>Not applicable.</i> |
| · Special precautions for user | <i>Not applicable.</i> |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | <i>Not applicable.</i> |
| · UN "Model Regulation": | <i>not regulated</i> |

15 Regulatory information

| | |
|--|--|
| · Safety, health and environmental regulations/legislation specific for the substance or mixture | |
| · Sara | |
| · Section 355 (extremely hazardous substances): | |
| <i>None of the ingredients is listed.</i> | |
| · Section 313 (Specific toxic chemical listings): | |
| <i>None of the ingredients is listed.</i> | |
| · TSCA (Toxic Substances Control Act): | |
| 7732-18-5 | <i>water, distilled, conductivity or of similar purity</i> <i>ACTIVE</i> |
| · Hazardous Air Pollutants | |
| <i>None of the ingredients is listed.</i> | |
| · Proposition 65 | |
| · Chemicals known to cause cancer: | |
| <i>None of the ingredients is listed.</i> | |
| · Chemicals known to cause reproductive toxicity for females: | |
| <i>None of the ingredients is listed.</i> | |
| · Chemicals known to cause reproductive toxicity for males: | |
| <i>None of the ingredients is listed.</i> | |
| · Chemicals known to cause developmental toxicity: | |
| <i>None of the ingredients is listed.</i> | |

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- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:**

Chem Safety MSDS EHS, LLC

39450 Otis Allen Rd

Zephyrhills

FL 33540

Website: www.chemsafetymdsdsehs.com

Email: raj@chemsafetymdsdsehs.com

- **Date of preparation / last revision** *03/14/2020 / -*

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit