

# Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Printing date 10/01/2024

Reviewed on 10/01/2024

## \* 1 Identification

- **Product identifier**
- **Trade name: Sphere o' Life Ambulant Prime Base**
- **Product description**  
Composed of ancient humus deposits from fresh water cretaceous.  
Humates and micronutrients  
Humate Classification #2702.10.0000
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
AgVent LLC  
1231 E 1420 N  
Richfield, ID, USA, 83349  
(208) 401 6631
- **Emergency telephone number:** 1-855-844-4632

## \* 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Non-Regulated Material
- **Hazard pictograms** Non-Regulated Material
- **Signal word** Non-Regulated Material
- **Hazard statements** Non-Regulated Material
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



## \* 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:**  
Humates and Micronutrients  
Extract of ancient humus deposits from fresh water cretaceous deposits.  
Humate #2702.10-0000

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· <b>Dangerous Components:</b>		
7704-34-9	sulphur, precipitated, sublimed or colloidal	2-12%
	⚠ Skin Irrit. 2, H315	
77-92-9	Citric Acid	2-12%
7439-96-5	manganese	≤ 2.5%
	⚠ Pyr. Sol. 1, H250; Water-react. 1, H260	
(Contd. of page 1)		
7440-66-6	zinc	≤ 2.5%
	Pyr. Sol. 1, H250; Water-react. 1, H260; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	

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- **Description of first aid measures**
- **General information:** No special measures required.  
After inhalation: Supply fresh air, consult doctor in case of complaints.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Not anticipated under normal use.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

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- **Extinguishing media**  
CO2, extinguishing powder or water spray. Fight larger fires with water spray.  
Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

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- **Personal protection, protective equipment and emergency procedures** Not required.
- **Methods and material for containment and cleaning up:** Dilute with plenty water.
- **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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- **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**  
Store in a dry area out of direct sunlight.

(Contd. on page 3)

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Keep out of reach of children.

- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

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

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**Trade name: Sphere o' Life Ambulant Prime Base****Trade name: Sphere o' Life Ambulant Prime Base**

(Contd. of page 2)

• **Control parameters**• **Components with occupational exposure limits:****7439-96-5 manganese**

PEL	Ceiling limit value: 5 mg/m <sup>3</sup> as Mn
REL	Short-term value: 3 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup> fume, as Mn
TLV	Long-term value: 0.02* 0.1* mg/m <sup>3</sup> as Mn; *respirable **inhalable fraction

• **Additional information:**

Provide local or general ventilation to keep dust below OSHA nuisance limit of 15 mg/m<sup>3</sup>.  
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:**

NIOSH/MSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits.

• **Protection of hands:** Not required.• **Material of gloves:** Not required.• **Penetration time of glove material:** Not applicable.• **Eye protection:**

Safety goggles

Not required.

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• **Information on basic physical and chemical properties**• **General Information**• **Appearance:**

<b>Form:</b>	Liquid
<b>Color:</b>	Yellow-Cream
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not determined.

• **pH-value @ 20 °C (68 °F):** 2.5• **Change in condition**

<b>Melting point/Melting range:</b>	Not determined.
<b>Boiling point/Boiling range:</b>	445 °C (833 °F)

• **Flash point:** > 440 °C (> 824 °F)• **Flammability (solid, gaseous):** Not determined.• **Ignition temperature:** 260 °C (500 °F)• **Decomposition temperature:** Not determined.

(Contd. on page 5)

• **Auto igniting:** Product is not self-igniting.• **Danger of explosion:** Product does not present an explosion hazard.

(Contd. on page 4)

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(Contd. of page 3)

- **Explosion limits:**
  - Lower:** Not determined.
  - Upper:** Not determined.
- **Vapor pressure:** Not applicable.
- **Density:** Not determined.
- **Relative density** Not determined.
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with**
  - Water:** soluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic:** Not applicable.
  - Kinematic:** Not applicable.
- **Solvent content:**
  - Organic solvents:** 0.0 %
- **Other information** No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Product is stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **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:** Mild irritant 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.	
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#### · **NTP (National Toxicology Program)**

None of the ingredients is listed.	
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(Contd. of page 4)

• 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.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

\* 14 Transport information

- **UN-Number**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class** Non-Regulated Material
- **Packing group**
- **DOT, ADR, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

• Transport/Additional information:

- **IMDG**
- **Limited quantities (LQ)** 0
- **Excepted quantities (EQ)** Code: E2  
Maximum net quantity per inner packaging: 30 g  
Maximum net quantity per outer packaging: 500 g
- **UN "Model Regulation":** -

(Contd. on page 6)

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Printing date 10/01/2024

(Contd. of page 6)

## \* 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

7439-96-5 manganese

7440-66-6 zinc powder -zinc dust (pyrophoric)

7440-50-8 copper

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

7439-96-5 manganese

D

7440-66-6 zinc powder -zinc dust (pyrophoric)

D, I, II

7440-42-8 boron

I (oral)

7440-50-8 copper

D

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

None of the ingredients is listed.

- **GHS label elements** Non-Regulated Material

- **Hazard pictograms** Non-Regulated Material

- **Signal word** Non-Regulated Material

- **Hazard statements** Non-Regulated Material

- **National regulations:**

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

- **State Right to Know**

7704-34-9 sulphur, precipitated, sublimed or colloidal

2-12%

Skin Irrit. 2, H315

(Contd. on page 7)

## Safety Data Sheet (SDS)

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Printing date 10/01/2024

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(Contd. of page 7)

7447-40-7	soluble potash K <sub>2</sub> O	2-12%
7439-89-6	iron	≤ 2.5%
7439-96-5	manganese	≤ 2.5%
	Pyr. Sol. 1, H250; Water-react. 1, H260	
7440-66-6	zinc powder -zinc dust (pyrophoric)	≤ 2.5%
	Pyr. Sol. 1, H250; Water-react. 1, H260; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
7440-42-8	boron	≤ 2.5%
	Acute Tox. 4, H302	
All ingredients are 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.

- **Date of preparation / last revision** 10/01/2024 / 1

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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)

Pyr. Sol. 1: Pyrophoric Solids, Hazard Category 1

Water-react. 1: Substances and Mixtures which, in contact with water, emit flammable gases, Hazard Category 1

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

- **\* Data compared to the previous version altered.**

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