



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial preparation date:** 05.20.2019

Page 1 of 10

**NUTRA ZORB 8-30-5**

### SECTION 1: Identification

#### Product identifier

**Product name:** NUTRA ZORB 8-30-5

#### Recommended use of the product and restriction on use

**Relevant identified uses:** Fertilizer

**Uses advised against:** Fertilizer

**Reasons why uses advised against:** Not determined or not applicable.

#### Manufacturer or supplier details

**Manufacturer:**

**United States**

GROW MORE INC

15600 NEW CENTURY DR.

GARDENA, CA 90248

3105151700

admin@growmore.com

www.growmore.com

#### Emergency telephone number:

**United States**

GROW MORE INC

310-515-1700 (1-800-424-9300)

### SECTION 2: Hazard(s) identification

#### GHS classification:

Skin irritation, category 2

Eye irritation, category 2A

#### Label elements

##### Hazard pictograms:



**Signal word:** Warning

#### Hazard statements:

H315 Causes skin irritation

H319 Causes serious eye irritation

#### Precautionary statements:

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 IF ON SKIN: Wash with plenty of water/ ...

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.20.2019

Page 2 of 10

NUTRA ZORB 8-30-5

P321 Specific treatment (see ... on this label)

P332+P313 If skin irritation occurs: Get medical advice/attention

P362 Take off contaminated clothing and wash it before reuse

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313 If eye irritation persists: Get medical advice/attention

**Hazards not otherwise classified:** None

## SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 7732-18-5	Water	10-15
CAS number: 1415-93-6	Humic acids	<0.2
CAS number: 7778-77-0	Potassium Phosphate	20-60
CAS number: 14025-21-9	Zinc EDTA	<0.1
CAS number: 57-13-6	Urea	10-20
CAS number: 15708-41-5	Iron EDTA	<0.6

## Additional Information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of CFR 1910.1200 Trade Secrets.

## SECTION 4: First aid measures

### Description of first aid measures

#### General notes:

Show this Safety Data Sheet to the doctor in attendance

#### After inhalation:

If inhaled, removed person to fresh air. Keep person at rest. If symptoms persist, seek medical advice

#### After skin contact:

Wash off immediately with soap and plenty of water while removing contaminated clothing and shoes.

Continue rinsing for at least 15 minutes. See a physician if irritation persists

If skin irritation or rash occurs and persists: seek medical advice/attention

#### After eye contact:

Immediately flush eyes, under eyelids with water for 15 minutes. Remove contact lenses, if present to do so. Protect unexposed eye. Continue rinsing on the way to hospital

If eye irritation persists: seek medical advice/attention

#### After swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by physician or poison control center. Rinse mouth with water. Never give anything to drink to an unconscious person. Seek medical advice

If experiencing adverse symptoms, contact a POISON CENTER or doctor/physician

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial preparation date:** 05.20.2019

Page 3 of 10

**NUTRA ZORB 8-30-5**

## Most important symptoms and effects, both acute and delayed

### Acute symptoms and effects:

Symptoms may include blistering, irritation, burns and pain. Effects are dependent on exposure (dose, concentration, contact time)  
Eye contact may cause serious eye irritation. Symptoms include redness, inflammation, burning, and tearing

### Delayed symptoms and effects:

Symptoms of poisoning may appear several hours later

## Immediate medical attention and special treatment

### Specific treatment:

None known

### Notes for the doctor:

Treat symptomatically

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media:

Alcohol- resistant foam, Dry chemical or Carbon dioxide

#### Unsuitable extinguishing media:

Do not use water jet as an extinguisher

### Specific hazards during fire-fighting:

Evacuate all personnel to a predetermined safe location, no less than 2,500 feet in all directions. Can explode or detonate under fire conditions. Burning material may produce toxic vapors

### Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA)

### Special precautions:

Avoid inhaling gases, fumes, mist, dust, vapor or aerosols. Avoid contact with eyes, skin, hair or clothing

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8

Wear recommended personal protective equipment (See Section 8)

Avoid contact with eyes, skin and clothing. Eliminate all sources of ignition

Ensure adequate ventilation

### Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided

### Methods and material for containment and cleaning up:

Carefully sweep material into a designated PLASTIC waste container. Collect in plastic containers only

### Reference to other sections:

For disposal see section 13

## SECTION 7: Handling and storage

### Precautions for safe handling:

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.20.2019

Page 4 of 10

NUTRA ZORB 8-30-5

Wear gloves and eye protection when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

## Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use

## SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Zinc EDTA	14025-21-9	8-Hour TWA: 2 mg/m <sup>3</sup>
	Zinc EDTA	14025-21-9	15-Minute STEL: 10 mg/m <sup>3</sup>
	Iron EDTA	15708-41-5	8-Hour TWA: 1 mg/m <sup>3</sup>
NIOSH	Zinc EDTA	14025-21-9	REL: 5 mg/m <sup>3</sup>
	Zinc EDTA	14025-21-9	Ceiling Limit: 15 mg/m <sup>3</sup>
	Zinc EDTA	14025-21-9	IDLH: 500 mg/m <sup>3</sup>
	Iron EDTA	15708-41-5	REL: 1 mg/m <sup>3</sup> (10-Hours)
OSHA	Zinc EDTA	14025-21-9	TWA: 5 mg/m <sup>3</sup>
	Zinc EDTA	14025-21-9	STEL: 10 mg/m <sup>3</sup>
	Iron EDTA	15708-41-5	TWA: 1 mg/m <sup>3</sup>
WEEL	Urea	57-13-6	8-Hour TWA: 10 mg/m <sup>3</sup> (Total particulate)

### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Information on monitoring procedures:

Not determined or not applicable.

### Appropriate engineering controls:

Effective ventilation in all processing areas.

Use local exhaust ventilation to maintain airborne concentrations below the TLV.

### Personal protection equipment

#### Eye and face protection:

Safety goggles

#### Skin and body protection:

Impervious clothing, chemical resistant gloves

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory protection

### General hygienic measures:

Handle in accordance with good industrial hygiene and safety measures. Wash hands and face after handling chemical products. Wash hands before eating, drinking and smoking. Wash hands at the end of the workday.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.20.2019

Page 5 of 10

NUTRA ZORB 8-30-5

<b>Appearance</b>	Clear liquid
<b>Odor</b>	Odorless
<b>Odor threshold</b>	N/A
<b>pH</b>	1.14
<b>Melting point/freezing point</b>	Not determined
<b>Initial boiling point/range</b>	Not determined
<b>Flash point (closed cup)</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Flammability (solid, gas)</b>	This product is non-flammable.
<b>Upper flammability/explosive limit</b>	Not determined
<b>Lower flammability/explosive limit</b>	Not determined
<b>Vapor pressure</b>	Not determined
<b>Vapor density</b>	Not determined
<b>Density</b>	12 lbs. per gallon
<b>Relative density</b>	Not determined
<b>Solubilities</b>	Soluble
<b>Partition coefficient (n-octanol/water)</b>	Not determined
<b>Auto/Self-ignition temperature</b>	This product is not self-igniting.
<b>Decomposition temperature</b>	Not determined
<b>Dynamic viscosity</b>	Not determined
<b>Kinematic viscosity</b>	Not determined
<b>Explosive properties</b>	This product does not present explosive hazard.
<b>Oxidizing properties</b>	This product does not present oxidizing hazard.

## Other information

### SECTION 10: Stability and reactivity

#### Reactivity:

Stable and non-reactive under normal conditions of use, storage and transport.

#### Chemical stability:

Stable under normal storage and handling conditions.

#### Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

#### Conditions to avoid:

Incompatible materials.

#### Incompatible materials:

Strong oxidizing agents.

#### Hazardous decomposition products:

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

### SECTION 11: Toxicological information

#### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial preparation date:** 05.20.2019

Page 6 of 10

**NUTRA ZORB 8-30-5**

## Substance data:

Name	Route	Result
Urea	oral	LD50 Rat: 14,300 mg/kg
Iron EDTA	oral	LD50 Rat: 500 mg/kg

## Skin corrosion/irritation

### Assessment:

Causes skin irritation.

### Product data:

No data available.

## Substance data:

Name	Result
Humic acids	Causes skin irritation.
Potassium Phosphate	Causes severe skin burns.
Iron EDTA	Causes skin irritation.

## Serious eye damage/irritation

### Assessment:

Causes serious eye irritation.

### Product data:

No data available.

## Substance data:

Name	Result
Humic acids	Causes serious eye irritation.
Iron EDTA	Causes serious eye irritation.

## Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

**Substance data:** No data available.

## Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):** None of the ingredients are listed.

**National Toxicology Program (NTP):** None of the ingredients are listed.

## Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

**Substance data:** No data available.

## Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

**Substance data:** No data available.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.20.2019

Page 7 of 10

NUTRA ZORB 8-30-5

## Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

### Substance data:

Name	Result
Humic acids	May cause respiratory irritation.

## Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

### Substance data:

No data available.

## Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

### Substance data:

No data available.

## Information on likely routes of exposure:

No data available.

## Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

## Other information:

No data available.

## SECTION 12: Ecological information

## Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

### Substance data:

Name	Result
Zinc EDTA	LC50 Thymallus arcticus: 0.112 mg/L (96 hr)
	EC50 Daphnia magna: 0.86 mg/L (48 hr)

## Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

### Product data:

No data available.

### Substance data:

No data available.

## Persistence and degradability

### Product data:

No data available.

### Substance data:

Name	Result
Urea	Readily biodegradable.

## Bioaccumulative potential

### Product data:

No data available.

### Substance data:

No data available.

## Mobility in soil

### Product data:

No data available.

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.20.2019

Page 8 of 10

NUTRA ZORB 8-30-5

**Substance data:** No data available.

**Other adverse effects:** No data available.

## SECTION 13: Disposal considerations

**Disposal methods:** It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

**Contaminated packages:** Not determined or not applicable.

## SECTION 14: Transport information

### United States Transportation of dangerous goods (49 CFR DOT)

<b>UN number</b>	Not regulated
<b>UN proper shipping name</b>	Not regulated
<b>UN transport hazard class(es)</b>	None
<b>Packing group</b>	None
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None

### International Maritime Dangerous Goods (IMDG)

<b>UN number</b>	Not regulated
<b>UN proper shipping name</b>	Not regulated
<b>UN transport hazard class(es)</b>	None
<b>Packing group</b>	None
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

<b>UN number</b>	Not regulated
<b>UN proper shipping name</b>	Not regulated
<b>UN transport hazard class(es)</b>	None
<b>Packing group</b>	None
<b>Environmental hazards</b>	None
<b>Special precautions for user</b>	None

## SECTION 15: Regulatory information

### United States regulations

#### Inventory listing (TSCA):

7732-18-5	Water	Listed
1415-93-6	Humic acids	Listed
7778-77-0	Potassium Phosphate	Listed
14025-21-9	Zinc EDTA	Listed
57-13-6	Urea	Listed

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 05.20.2019

Page 9 of 10

## NUTRA ZORB 8-30-5

15708-41-5	Iron EDTA	Not Listed
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**Significant New Use Rule (TSCA Section 5):** Not determined.

**Export notification under TSCA Section 12(b):** Not determined.

**SARA Section 302 extremely hazardous substances:** Not determined.

### SARA Section 313 toxic chemicals:

7732-18-5	Water	Not Listed
1415-93-6	Humic acids	Not Listed
7778-77-0	Potassium Phosphate	Not Listed
14025-21-9	Zinc EDTA	Not Listed
57-13-6	Urea	Not Listed
15708-41-5	Iron EDTA	Not Listed

### CERCLA:

7778-77-0	Potassium Phosphate	Listed	5000
15708-41-5	Iron EDTA	Listed	1000 Lbs

**RCRA:** Not determined.

**Section 112(r) of the Clean Air Act (CAA):** Not determined.

### Massachusetts Right to Know:

7732-18-5	Water	Not Listed
1415-93-6	Humic acids	Not Listed
7778-77-0	Potassium Phosphate	Listed
14025-21-9	Zinc EDTA	Listed
57-13-6	Urea	Not Listed
15708-41-5	Iron EDTA	Listed

### New Jersey Right to Know:

7732-18-5	Water	Not Listed
1415-93-6	Humic acids	Not Listed
7778-77-0	Potassium Phosphate	Listed
14025-21-9	Zinc EDTA	Listed
57-13-6	Urea	Not Listed
15708-41-5	Iron EDTA	Listed

### New York Right to Know:

7732-18-5	Water	Not Listed
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## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial preparation date:** 05.20.2019

Page 10 of 10

**NUTRA ZORB 8-30-5**

1415-93-6	Humic acids	Not Listed
7778-77-0	Potassium Phosphate	Listed
14025-21-9	Zinc EDTA	Listed
57-13-6	Urea	Not Listed
15708-41-5	Iron EDTA	Listed

### Pennsylvania Right to Know:

7732-18-5	Water	Not Listed
1415-93-6	Humic acids	Not Listed
7778-77-0	Potassium Phosphate	Listed
14025-21-9	Zinc EDTA	Listed
57-13-6	Urea	Not Listed
15708-41-5	Iron EDTA	Listed

**California Proposition 65:** None of the ingredients are listed.

### SECTION 16: Other information

**Abbreviations and Acronyms:** None

#### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 0-0-0

**HMIS:** 0-0-0

**Initial preparation date:** 05.20.2019

**End of Safety Data Sheet**