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**SECTION 1: Identification**

**1.1 GHS Product identifier**

Product name Excite™ Triple

**1.2 Other means of identification**

Excite Triple  
18-18-18 with Extract from algae (*Ascophyllum nodosum*)

**1.3 Recommended use of the chemical and restrictions on use**

Agricultural use nutritional supplements for plants

**1.4 Supplier's details**

Name Ultra Gro LLC  
Address 1043 S Granada Ave  
Madera CA 93637  
USA  
Telephone (559) 661-0977  
Email office@ultragro.com

**1.5 Emergency phone number**

1-800-424-9300 - CHEMTREC - U.S. Canada, Puerto Rico - 24 Hrs

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**SECTION 2: Hazard identification**

**General hazard statement**

It is harmful if swallowed. Causes severe eye irritation.

**2.1 Classification of the substance or mixture**

**GHS classification by OSHA (29 CFR 1910.1200, 2012)**

- Eye damage/irritation, Cat. 2B
- Acute toxicity, oral, Cat. 4

**2.2 GHS label elements, including precautionary statements**

**Pictograms**



**Signal word**

**Warning**

**Hazard statement(s)**

H302  
H320

Harmful if swallowed  
Causes eye irritation

**Precautionary statement(s)**

P264  
P270  
P301+P312  
P305+P351+P338

Wash ... thoroughly after handling.  
Do not eat, drink, or smoke when using this product.  
IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present  
and easy to do. Continue rinsing.  
Rinse mouth.  
If eye irritation persists: Get medical advice/attention.  
Dispose of contents/container to ...

P330  
P337+P313  
P501

**2.3 Other hazards which do not result in classification**

It is harmful if swallowed. Causes severe eye irritation. Suspected of damaging fertility or the unborn child.

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**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Hazardous components**

**1. Ascophyllum nodosum powder**

# Safety Data Sheet

## Excite™ Triple

Concentration 10 - 30 % (weight)  
EC no. 283-907-6  
CAS no. 84775-78-0

### 2. Potassium nitrate

Concentration 10 - 30 % (weight)  
EC no. 231-818-8  
CAS no. 7757-79-1

### 3. Urea

Concentration 10 - 30 % (weight)  
EC no. 200-315-5  
CAS no. 57-13-6

### 4. Potassium phosphate

Concentration 1 - 5 % (weight)  
EC no. 231-913-4  
CAS no. 7778-77-0

### 5. Disodium edta-copper

Concentration 0.1 - 1 % (weight)  
EC no. 237-864-5  
CAS no. 14025-15-1

### 6. Disodium EDTA-Manganese

Concentration 0.1 - 1 % (weight)  
CAS no. 15375-84-5

### 7. Disodium octaborate

Concentration 0.1 - 1 % (weight)  
EC no. 234-541-0  
CAS no. 12008-41-2  
Index no. 005-020-00-3

- Toxic to reproduction, Cat. 1B

H360FD

May damage fertility. May damage the unborn child.

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice. Ensure that medical personnel know the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

If inhaled, Move to fresh air. Call a physician if symptoms develop or persist.

In case of skin contact, wash it off with soap and water. Get medical attention if irritation develops and persists.

In case of eye contact, Do not rub your eyes. Immediately flush your eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present, and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

If swallowed, Rinse mouth. If vomiting occurs, keep your head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

Personal protective equipment for first-aid responders: Gloves and eye protection should be worn when handling due to temporary staining.

### 4.2 Most important symptoms/effects, acute and delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dust may irritate the respiratory tract, skin, and eyes.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Provide general supportive measures and treat symptomatically. Get medical advice/attention. If you feel unwell, seek medical advice. Ensure that medical personnel know the material(s) involved and take precautions to protect themselves.

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## SECTION 5: Fire-fighting measures

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### 5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

### 5.2 Specific hazards arising from the chemical

During a fire, gases hazardous to health may be formed.

### 5.3 Special protective actions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### Further information

Use standard firefighting procedures and consider the hazards of other involved materials.

No unusual fire or explosion hazards were noted.

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## SECTION 6: Accidental release measures

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

Avoid dust formation. Avoid breathing vapors, mist, or gas. For personal protection, see section 8.

### 6.2 Environmental precautions

Avoid discharge into drains, water courses, or onto the ground.

### 6.3 Methods and materials for containment and cleaning up

Large Spills: Wet down with water and dike for later disposal. Shovel the material into a waste container. Absorb in vermiculite, dry sand, or earth and place into containers. Following product recovery, flush the area with water.

Small Spills: Sweep up or vacuum up spillage and collect it in a suitable container for disposal. Wipe up with absorbent material (e.g., cloth, fleece). Clean the surface thoroughly to remove residual contamination.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Do not taste or swallow.

Avoid contact with eyes. Avoid prolonged exposure. When using, do not eat, drink, or smoke. Pregnant or breastfeeding women must not handle this product. It should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

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

Store in a dry, cool place and out of direct sunlight. There are no specific ventilation requirements.

Eyewash facilities should be available.

Do not contaminate water, food, or feed by storage or disposal.

#### Specific end use(s)

Observe any medical surveillance requirements. Keep away from food and drink. Always observe suitable personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Manganese EDTA, disodium salt (CAS: 5375-84-5)

(Air): 5 mg/m<sup>3</sup> (US/OSHA)

#### 2. Disodium octaborate (CAS: 12008-41-2)

STEL (Inhalation): 6 mg/m<sup>3</sup> (ACGIH)

TWA (Inhalation): 2 mg/m<sup>3</sup> (ACGIH)

#### 3. Cuprate(2-), [[N,N'-1,2-ethanediy]bis[N-[(carboxy-kappa)methyl]glycinato-kappaN,kappaO]](4)-, sodium (1:2), (OC-6-21)- (CAS: 14025-15-1)

TWA (Inhalation): 1 mg/m<sup>3</sup> (ACGIH)

TWA (Inhalation): 1 mg/m<sup>3</sup> (NIOSH)

#### 4. Manganese EDTA, disodium salt (CAS: 5375-84-5)

STEL (Inhalation): 3 mg/m<sup>3</sup> (NIOSH)

TWA (Inhalation): 1 mg/m<sup>3</sup> (NIOSH)

#### 5. Urea (CAS: 57-13-6)

TWA (Inhalation): 10 mg/m<sup>3</sup> (AIHA/AGF)

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### 8.2 Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits if applicable. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are insufficient to maintain dust particulate concentrations below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. If material is ground, cut, or used in any operation that may generate dust, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. Provide eyewash station.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Chemical respirator with organic vapor cartridge, full facepiece, dust, and mist filter.  
Eye protection should be worn when handling due to eye irritation.

#### Skin protection

Gloves should be worn when handling.

#### Body protection

Gloves should be worn when handling.

#### Respiratory protection

Use a NIOSH/MSHA-approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits—a chemical respirator with an organic vapor cartridge, full facepiece, dust, and mist filter.

#### Thermal hazards

Wear appropriate thermal protective clothing when necessary.

#### Environmental exposure controls

Do not contaminate water, food, or feed by storage or disposal.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Color	Light Blue
Odor	Marine like
The odor threshold	is Not Determined
Melting point/freezing point	Not Determined
The boiling point or initial boiling point and boiling range	are Not Determined
Flammability	Not Flammable
Lower and upper explosion limit/flammability limit	Not Determined
Flash point	Not Determined
Auto-ignition temperature	550C
Decomposition temperature	550C
pH	Not Determined
Kinematic viscosity	Not Applicable
Solubility	Water Soluble
Partition coefficient n-octanol/water (log value)	Not applicable
Vapor pressure	Not Determined
The evaporation rate	is Not Determined
Density and/or relative density	0.65 g/cm3
Relative vapor density	Not applicable

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is stable and non-reactive under regular use, storage, and transport conditions.

### 10.2 Chemical stability

Material is stable under normal conditions.

### 10.3 Possibility of Hazardous Reactions

No dangerous reaction is known under conditions of everyday use.

### 10.4 Conditions to avoid

Excessive heat or freezing. Contact with incompatible materials.

### 10.5 Incompatible materials

Oxidants and acids may cause degradation.

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2-Phenoxyethanol: Strong oxidizing agents

- 10.6 Hazardous decomposition products**  
No hazardous decomposition products are known.

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Inhalation Acute LD50 Rat 1979 mg/l estimated  
Oral LD50 Mouse 44739 mg/kg estimated  
Rabbit 2880 mg/kg estimated  
Rat 26215 mg/kg estimated

##### Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

##### Severe eye damage/irritation

Causes severe eye damage/eye irritation

##### Respiratory or skin sensitization

Dust may irritate the respiratory system. Prolonged inhalation may be harmful.

##### Germ cell mutagenicity

No data indicates that the product or any components greater than 0.1% are mutagenic or genotoxic.

##### Carcinogenicity

IARC, ACGIH, NTP, or OSHA do not consider this product a carcinogen.

##### Reproductive toxicity

Suspected of damaging fertility or the unborn child.  
Specific target organ toxicity - single exposure Not classified.  
Specific target organ toxicity - repeated exposure Not classified.  
Aspiration hazard: Not an aspiration hazard.  
Chronic effects: Prolonged inhalation may be harmful.

##### Specific target organ toxicity (STOT) - single exposure

Not classified.

##### Specific target organ toxicity (STOT) - repeated exposure

Not classified.

##### Aspiration hazard

It's not an aspiration hazard.  
Prolonged inhalation may be harmful.

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### SECTION 12: Ecological information

#### Toxicity

Aquatic Acute EC50 Crustacea 20000 mg/l, 48 hours estimated  
Daphnia LC50 Fish 2000.0002 mg/l, 96 hours estimated

#### Persistence and degradability

No data on the degradability of this product is available.

#### Bioaccumulative potential

No data on the degradability of this product is available.

#### Mobility in soil

Do not allow the product to reach groundwater, water course or sewage system.

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### SECTION 13: Disposal considerations

#### Disposal methods

#### Product disposal

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Collect, reclaim, or dispose of in sealed containers at licensed waste disposal sites. Dispose of contents/container by local/regional/national/international regulations.

### Packaging disposal

Since emptied containers may retain product residue, follow label warnings even after the container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Waste treatment

Do not allow the product to enter storm drains or waterways.

### Sewage disposal

Do not allow the product to enter sewer systems.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

### 15.1 Safety, health, and environmental regulations specific to the product in question

#### US EPA TSCA public inventory

Chemical name: Oils, Fucus vesiculosus

CAS number: 68917-51-1

Chemical name: Potassium nitrate

CAS number: 7757-79-1

Chemical name: Urea

CAS number: 57-13-6

Chemical name: Potassium phosphate Monobasic

CAS number: 7778-77-0

Chemical name: Cuprate(2-), [[N,N'-1,2-ethanediy]bis[N-[(carboxy-kappaO)methyl]glycinato-kappaN,kappaO]](4-)-, sodium (1:2), (OC-6-21)-

CAS number: 14025-15-1

Chemical name: Manganate(2-), [[N,N'-1,2-ethanediy]bis[N-[(carboxy-kappaO)methyl]glycinato-kappaN,kappaO]](4-)-, sodium (1:2), (OC-6-21)-

CAS number: 15375-84-5

Chemical name: Disodium octaborate

CAS number: 12008-41-2

#### New Jersey Right To Know Components

Common name: POTASSIUM NITRATE

CAS number: 7757-79-1

#### Pennsylvania Right To Know Components

Chemical name: NITRIC ACID POTASSIUM SALT

CAS number: 7757-79-1

#### Massachusetts Right To Know Components (105 CMR 670)

Chemical name: POTASSIUM NITRATE

CAS number: 7757-79-1

### 15.2 Chemical Safety Assessment

This product is a "Hazardous Chemical" defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) EDTA, Disodium Copper(II) Salt (CAS 14025-15-1) Manganese EDTA, disodium salt (CAS 15375-84-5)

# Safety Data Sheet

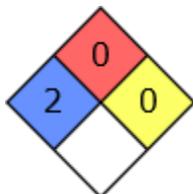
## Excite™ Triple

SARA 304 Emergency release notification Not regulated. Listed. Listed.  
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated.  
Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories  
Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No  
SARA 302 Extremely hazardous substance Not listed.  
SARA 311/312 Hazardous chemical No

### HMIS Rating

Excite Triple	
HEALTH	* 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

### NFPA Rating



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### SECTION 16: Other information

#### 16.1 Further information/disclaimer

The information and data contained herein are based upon facts considered correct as of the date. Information is supplied upon the condition that the persons receiving it will determine its suitability for their purposes prior to use. In no event will Ultra Gro, LLC be responsible for damages resulting from the use or reliance upon this information. No representations or warranties, expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature are made hereunder concerning information or the product to which this information refers.