

**Safety Data Sheet**  
**Blue Terra Micro Drive**

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**SECTION 1: Identification****1.1 GHS Product identifier**

Product name Blue Terra Micro Drive

**1.3 Recommended use of the chemical and restrictions on use**  
Fertilizer**1.4 Supplier's details**

Name Mar Vista Resources  
Address 745 North Ave  
Corcoran CA 93212  
United States

Telephone 559-992-4535

**1.5 Emergency phone number**

24 Hour Emergency Response Chemtrec: 1-800-262-8200

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**SECTION 2: Hazard identification****2.1 Classification of the substance or mixture**

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 2

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

Pictograms

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### Signal word

### Warning

#### Hazard statement(s)

H302

Harmful if swallowed

H315

Causes skin irritation

H318

Causes serious eye damage

H372

Causes damage to organs [organs] through prolonged or repeated exposure [route]

#### Precautionary statement(s)

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

P264

Wash ... thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P280

Wear eye protection/face protection/protective gloves.

P301+P312

IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,

P302+P352

IF ON SKIN: Wash with plenty of water/...

P305+P351+P338

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

P310

Immediately call a POISON CENTER/doctor/...

P314

Get medical advice/attention if you feel unwell.

P321

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

P330

Rinse mouth.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P501

Dispose of contents/container to ...

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Water

Concentration

40 - 45 % (weight)

EC no.

231-791-2

CAS no.

7732-18-5

##### 2. Urea

Concentration

2 - 6 % (weight)

EC no.

200-315-5

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CAS no. 57-13-6

### 3. S-(-)-2-Pyrrolidone-5-carboxylic acid

Concentration 1 - 3 % (weight)

EC no. 202-700-3

CAS no. 98-79-3

### 4. Ammonium Nitrate

Concentration 0.1 - 1 % (weight)

EC no. 229-347-8

CAS no. 6484-52-2

### 5. Sodium molybdate

Concentration 0.01 - 0.02 % (weight)

EC no. 231-551-7

CAS no. 7631-95-0

### 6. Other components

Concentration 45 - 55 % (weight)

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact Rinse with plenty of water. Get medical attention if irritation develops and persists.

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In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

#### 5.2 Specific hazards arising from the chemical

Carbon oxides, Nitrogen Oxides

#### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6: Accidental release measures

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

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

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

Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. As a water based product, if spilt on electrical equipment the product will cause short-circuits. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2.

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

Protect from freezing. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Sodium molybdate (CAS: 7631-95-0 EC: 231-551-7)

TLV® (Inhalation): 0.5 mg/m<sup>3</sup> (ACGIH)

Lower Respiratory Tract irritation. Confirmed animal carcinogen with unknown relevance to humans

PEL-TWA (Inhalation): 0.5 mg/m<sup>3</sup> (Cal/OSHA)

PEL-TWA (Inhalation): 5 mg/m<sup>3</sup> (OSHA)

### 8.2 Appropriate engineering controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers'

breathing zone. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure

standards, suitable respiratory protection must be worn.

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

#### Eye/face protection

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/

face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

#### Skin protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods

of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

#### Body protection

Wear suitable protective clothing

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Liquid
Appearance	Brown Liquid
Color	Brown
Odor	Slight Sweet/Ocean
Odor threshold	Not Available

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Melting point/freezing point	Not Available
Boiling point or initial boiling point and boiling range	Not Available
Flammability	Not Available
Lower and upper explosion limit/flammability limit	Not Available
Flash point	Not Available
Explosive properties	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
pH	4.5-5.5
Kinematic viscosity	Not Available
Solubility	Soluble in water
Partition coefficient n-octanol/water (log value)	Not Available
Vapor pressure	Not Available
Evaporation rate	Not Available
Density and/or relative density	8.99
Relative vapor density	Not Available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None under normal use conditions.

### 10.2 Chemical stability

Stable under normal conditions of storage and handling.

### 10.3 Possibility of hazardous reactions

Not available

### 10.4 Conditions to avoid

Extremes of temperature and direct sunlight

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Not available

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

No toxicity data available for this material.

#### Skin corrosion/irritation

Causes Skin Irritation

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### Serious eye damage/irritation

Causes Eye Irritation

### Respiratory or skin sensitization

Not expected to be a respiratory sensitiser. Not expected to be a skin sensitiser.

### Germ cell mutagenicity

Not considered to be a mutagenic hazard.

### Carcinogenicity

Not considered to be a carcinogenic hazard.

### Reproductive toxicity

Not considered to be toxic to reproduction.

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## SECTION 12: Ecological information

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## SECTION 13: Disposal considerations

### Disposal methods

### Product disposal

Prevent liquid from entering sewers, watercourses, underground or low areas.

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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 for the product in question

#### Canadian Domestic Substances List (DSL)

Chemical name: Urea

CAS: 57-13-6

Chemical name: 2-Proline, 5-oxo-

CAS: 98-79-3

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Chemical name: Molybdate ( $\text{MoO}_4^{2-}$ ), disodium, ( $\beta$ ?-4)-  
CAS: 7631-95-0

Chemical name: Molybdenum sodium oxide  
CAS: 12680-49-8

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### SECTION 16: Other information

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#### 16.1 Further information/disclaimer

All information contained in this Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion the information is, as of the date of this Safety Data Sheet, reliable, however, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other informations gathered by you, and you must make independent determinations of the suitability and completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees. Accordingly, no guarantee is expressed or implied as to the results to be obtained based upon your use of the information.