

# Toe Grow Spray, Item 416

## Safety Data Sheet

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### SECTION 1: Identification of the substance/mixture and of the company/ undertaking

#### 1.1. Product identifier

Product name. : **Toe Grow Spray, Item 416**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Topical treatment for equine hoofs

#### 1.3. Details of the supplier of the safety data sheet

SBS EQUINE

340 9th St North, Ste 86, Naples, FL 34112

1.4. Emergency telephone number

Emergency number: 239-354-3361

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification (GHS-US)

Skin Irrit. 2 H315

Eye Dam. 1 H318

#### 2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :

Signal word (GHS-US) : Danger

Hazard statements (GHS-US):

H315 - Causes skin irritation

H318 - Causes serious eye damage

Precautionary statements (GHS-US)

GHS05 GHS08:

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P264 - Wash ... thoroughly after handling

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

P302 + P352 - If on skin: Wash with plenty of water/...



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P305 + P351 + P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P308 + P313 - If exposed or concerned: Get medical advice/attention

P310 - Immediately call a poison center/doctor/...

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

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

P362 - Take off contaminated clothing and wash before reuse

P405 - Store locked up

P501 - Dispose of contents/container to ...

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No data available

Not applicable

Full text of H-phrases: see section 16

## SECTION 3: Composition / Information on Ingredients

### 3.1. Substances

Not applicable

Full text of H-phrases: section 16

### 3.2. Mixture

| <u>Name</u>         | <u>Product identifier</u> | <u>%</u>     | <u>GHS-US classification</u> |
|---------------------|---------------------------|--------------|------------------------------|
| Water               | (CAS No) 7732-18-5        | Trade Secret | Not classified               |
| Soy Protein         | (CAS No) 9010-10-0        | Trade Secret | Not Classified               |
| Isopropyl alcohol   | (CAS No) 67-63-0          | Trade Secret | Flam. Liq. 2, H225           |
| Copper (II) Sulfate | (CAS No) 7758-99-8        | Trade Secret | Acute Tox. 4 (Oral), H3      |

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### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

First-aid measures after inhalation : No specific first aid necessary for this route of exposure.

First-aid measures after skin contact : Wash with soap and water. Seek medical advice if skin irritation develops or persists.

First-aid measures after eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

First-aid measures after ingestion : Do NOT induce vomiting. Seek medical attention.

#### **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/injuries after inhalation: None under normal use.

Symptoms/injuries after skin contacts: Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye damage.

Symptoms/injuries after ingestion: May be harmful if swallowed.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, alcohol foam, carbon dioxide, water spray, fog.

Unsuitable extinguishing media : None.

#### **5.2. Special hazards arising from the substance or mixture**

Fire hazard : Not flammable. Thermal decomposition may produce toxic fumes of ammonia, hydrogen chloride and oxides of carbon and nitrogen.

Explosion hazard: None known.

#### **5.3. Advice for firefighters**

Protection during firefighting: Firefighters should wear full protective gear.

### **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

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### 6.1.1. For non-emergency personnel

No additional information available

### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Stop the flow of material, if this is without risk.

Methods for cleaning up: Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.

### 6.4. Reference to other sections

No additional information available: Wash thoroughly after handling.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes.

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

Storage conditions : Keep away from open flames, hot surfaces and sources of ignition. Store at temperatures not exceeding 37°C.

### 7.3. Specific end use(s)

topical solution for equine hooves

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Isopropyl alcohol (67-63-0)

|           |                                     |                       |
|-----------|-------------------------------------|-----------------------|
| USA ACGIH | ACGIH TWA (ppm)                     | 200 ppm               |
| USA ACGIH | ACGIH STEL (ppm)                    | 400 ppm               |
| USA OSHA  | OSHA PEL (TWA) (ppm)                | 980 mg/m <sup>3</sup> |
| USA OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 400 ppm               |

### 8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation.

Hand protection : Wear impervious gloves to minimize skin contact.

Eye protection : Chemical goggles or safety glasses.

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Skin and body protection : Wear suitable working clothes.  
Respiratory protection : None required under normal product handling conditions.

### **SECTION 9: Physical and chemical properties**

#### **9.1. Information on basic physical and chemical properties**

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Colour                                     | : green             |
| Odour                                      | : No data available |
| Odour threshold                            | : No data available |
| pH   | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : No data available |
| Freezing point                             | : No data available |
| Boiling point                              | : 97 °C             |
| Flash point                                | : >200 °F           |
| Self ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |
| Flammability (solid, gas)                  | : No data available |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Specific gravity                           | : 1.06              |
| Solubility                                 | : Water: Soluble    |
| Log Pow                                    | : No data available |
| Log  | : No data available |
| Viscosity, kinematic                       | : No data available |
| Viscosity, dynamic                         | : No data available |
| Explosive properties                       | : No data available |
| Oxidising properties                       | : No data available |
| Explosive limits                           | : No data available |

#### **9.2. Other information**

No additional information available

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

No additional information available

#### **10.2. Chemical stability**

The product is stable at normal handling- and storage conditions.

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### 10.3. Possibility of hazardous reactions

Will not occur.

### 10.4. Conditions to avoid

Storage in excess heat (104 ° F) over a long period of time.

### 10.5. Incompatible materials

None.

### 10.6. Hazardous decomposition products

Thermal decomposition may produce toxic fumes of ammonia, hydrogen chloride and oxides of carbon and nitrogen.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity :Not classified

#### Water (7732-18-5)

LD50 oral rat > 90 ml/kg

#### Methydeyne b (18472-51-0)

LD50 oral rat 2 g/kg

ATE (oral) 500.000 mg/kg

#### Isopropyl alcohol (67-63-0)

LD50 oral rat 4396 mg/kg

LD50 dermal rat 12800 mg/kg

LD50 dermal rabbit 12870 mg/kg

LC50 inhalation rat (mg/l) 72.6 mg/l (Exposure time: 4 h)

#### Proprietary Component 6 (Proprietary)

LD50 oral rat 7930 mg/kg

ATE (oral) 7930.000 mg/kg bodyweight

|                                   |                              |
|-----------------------------------|------------------------------|
| Skin corrosion/irritation         | : Causes serious eye damage. |
| Serious eye damage/irritation     | : Causes serious eye damage. |
| Respiratory or skin sensitisation | : Not classified             |
| Germ cell mutagenicity            | : Not classified             |

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### Isopropyl alcohol (67-63-0)

IARC group 3

### Proprietary Component 3 (Proprietary)

IARC group 2B

National Toxicity Program (NTP) Status 1

Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : Not classified  
Specific target organ toxicity (repeated exposure) : Not classified  
Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Isopropyl alcohol (67-63-0)

LC50 fishes 1 : 9640 mg/l (Exposure time: 96 h - Species: promelas [flow-through])  
EC50 Daphnia 1 : 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)  
EC50 other aquatic organisms 1 : > 1000 mg/l (Exposure time: 96 h - Species: subspicatus)  
LC50 fish 2 : > 1000 mg/l (Exposure time: 96 h - Species: subspicatus)

#### Proprietary Component 3 (Proprietary)

LC50 fishes 1 : 3.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])  
EC50 Daphnia 1 : 4.2 mg/l (Exposure time: 24 h - Species: Daphnia magna)

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

#### Isopropyl alcohol (67-63-0)

Log Pow : 0.05 (at 25 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

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### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

### **SECTION 14: Transport information**

In accordance with DOT / ADR / RID / ADNR / IMDG / ICAO / IATA

#### **14.1. UN number**

Not applicable

#### **14.2. UN proper shipping name**

DOT Proper Shipping Name : Methyedyne b Aqueous Solutions of alcohol containing 24% or less alcohol by volume and no other know hazardous material.

### **SECTION 15: Regulatory information**

#### **15.1. US Federal regulations**

##### **Water (7732-18-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### **metheydyne b (18472-51-0)**

CAS # listed on the United States TSCA (Toxic Substances Control Act) inventory

##### **Isopropyl alcohol (67-63-0)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings)

EPA TSCA Regulatory Flag

SARA Section 313 - Emission Reporting

##### **Proprietary Component 2 (Proprietary)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### **Proprietary Component 3 (Proprietary)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### **Proprietary Component 4 (Proprietary)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### **Proprietary Component 6 (Proprietary)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### **15.2. US State regulations**

##### **Proprietary Component 3 (Proprietary)**

U.S. - California - Proposition 65 - Developmental Toxicity

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

U.S. - California - Proposition 65 - Reproductive Toxicity - Male



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No significance risk level (NSRL)

### **Isopropyl alcohol (67-63-0)**

U.S. - Massachusetts - Right To Know List

U.S. - Minnesota - Hazardous Substance List

U.S. - New Jersey - Right to Know Hazardous Substance List U.S.

Pennsylvania - RTK (Right to Know) List

### **SECTION 16: Other information**

#### **Full text of H-phrases:**

|                     |  |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4             |
| Eye Dam. 1          | Serious eye damage/eye irritation Category 1 |
| Flam. Liq. 2        | Flammable liquids Category 2                 |
| Flam. Liq. 3        | Flammable liquids Category 3                 |
| Skin Corr. 1B       | skin corrosion/irritation Category 1B        |
| Skin Irrit. 2       | skin corrosion/irritation Category 2         |
| H225                | Highly flammable liquid and vapour           |
| H226                | Flammable liquid and vapour                  |
| H302                | Harmful if swallowed                         |
| H314                | Causes severe skin burns and eye damage      |
| H315                | Causes skin irritation                       |
| H318                | Causes serious eye damage                    |

This is a consumer commodity product that is packaged and shipped in small quantities. The information contained within this document is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.