

Diamond Hoof defender, Item 455

Safety Data Sheet

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Issued: January 15, 2017

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

1.1. Product identifier

Product name. : Diamond Hoof defender, Item 455

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

Use of the substance/mixture : Hoof Conditioner for equine hoofs

1.3. Details of the supplier of the safety data sheet

Diamond brand products / FPD

Box 1328, 361 Haven Hill Rd., Shelbyville, KY 40066

1.4. Emergency telephone
number: 502-633-5767

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Skin Irritation 2 H315

Eye Damage 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

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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

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
Methyedyne b	(CAS No) 18472-51-0	Trade Secret	Acute Tox. 4 (Oral), H302
Isopropyl alcohol	(CAS No) 67-63-0	Trade Secret	Flam. Liq. 2, H225
Systemic Fungicide	(CAS No) 23564-05-8	Trade Secret	NDA

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.

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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

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

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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/m3
USA OSHA	OSHA PEL (TWA) (mg/m3)	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.

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

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Physical state	: Liquid
Colour	: Bluish Brown
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.

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

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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

Isopropyl alcohol (67-63-0)

IARC group 3

Proprietary Component 3 (Proprietary)

IARC group 2B

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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

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

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14.2. UN proper shipping name

DOT Proper Shipping Name : Methedyne b Aqueous & triazole fungicide 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

methedyne 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

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

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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
H351	Suspected of causing cancer

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.