

MATERIAL SAFETY DATA SHEET

Vizoovet® Dry iSpray

1. IDENTIFICATION OF THE SUBSTANCE/PRODUCT AND THE COMPANY IDENTIFICATION

Manufacturer/Distributor **Finished Product Name : Vizoovet Dry iSpray**

Petnetwork LLC

33855 El Encanto Ave

Dana Point, CA 92629

Product description: Intended Use:
Restrictions on use: For Veterinary Use Only

Animal /medical device Relief and freshness for irritated eyes Use in accordance with product literature

2. HAZARDS IDENTIFICATION

This is an animal care/ medical device product that is safe to use under intended and reasonably foreseen use.

Statement of Hazard

Classification of the substance or mixture UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS) : Classification criteria not met.

Australian Hazard Classification (NOHSC): Non-Hazardous Substance. Non-Dangerous Goods.

EU Indication of danger: Not classified.

Additional Hazard Information: No data available.

Precautionary statements for users:

Do not touch the dropper of vial on to any surface to avoid contamination.

Do not ingest and keep out of the reach of children.

Do not use if allergic to any of the components.

Do not store above 30°C.

Do not freeze.

Do not use if there are visible particles in the solution.

Do not use if vial is damaged or leaking.

Do not use after the expiry date which is printed on the carton and vial after EXP. The expiry date refers to the last day of the month. In case of irritation, consult healthcare specialist.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances:

Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Mixtures:

Ingredient	CAS Number	EU EINECS/ELINCS List	Classifications According to Regulation/Directive	%
Water	7732-18-5	231-791-2	UN GHS: Not Classified	balance
Glycerin ¹	56-81-5	200-289-5	UN GHS: Skin Irrit. 3; Eye Irrit. 2B	<1
Sodium Chloride	7647-14-5	231-598-3	UN GHS: Skin Irrit. 2; Eye Irrit. 2A; Acute Tox. Oral 5	*
Boric Acid	10043-35-3	233-139-2	UN GHS: Skin Irrit. 2; Eye Irrit. 2A; Acute Tox. Oral 5; Repr. 1	*
Sodium tetraborate	1303-96-4	603-411-9	UN GHS: Skin Irrit. 2; Eye Irrit. 2A; Acute Tox. Oral 5; Repr. 2	*
EDTA disodium	6381-92-6	205-358-3	UN GHS: Not classified	*

¹ Glycerin and glycerin base natural extracts.

* Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye Contact:

No specific treatment is necessary since this product is not irritating to the eye. Do not use if animal is allergic to any of the components. In case of irritation rinse thoroughly with plenty of water and consult with specialist.

Skin Contact:

No specific treatment is necessary since this product is not likely to be hazardous by contact with the skin or mucous membranes. Do not use if animal is allergic to any of the components. In case of irritation discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, consult with specialist.

Ingestion:

No specific treatment is necessary since this product is not likely to be hazardous by ingestion. Do not use if animal is allergic to any of the components. If large quantities are accidentally ingested, wash out mouth with water. Do not induce vomiting unless directed by specialist.

Inhalation:

Not an expected route of exposure. No specific treatment is necessary since this product is not likely to be hazardous by inhalation. Do not use if animal is allergic to any of the components. If exposed to excessive levels of mists, remove to fresh air and consult with specialist.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use chemical foam, dry chemical, carbon dioxide or water.

Hazardous Combustion Products:

No applicable information has been found.

Fire / Explosion Hazards:

No applicable information has been found.

Fire Fighting Procedures:

During all fire fighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions :

No special controls or personal protection required under conditions of intended use. In the event of bulk spills, wear suitable protective eyewear, clothing, protective boots and protective gloves. Refer to Section 8.

Emergency Procedures:

No emergency procedures are expected to be necessary when used in accordance with product literature.

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Environmental precautions

No data available

Methods and material for containment and cleaning up

Containment/Clean-up Measures:

Contain spilled product. For small spills, add suitable absorbent material. Scoop up and place in an appropriate liquidtight container equipped with a tight cover for disposal.

For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate, liquidtight container equipped with a tight cover for disposal.

7. HANDLING AND STORAGE

General Handling:

No special handling is required. Handle in accordance with good industrial hygiene and safety practice. Use in accordance with product literature.

Storage Conditions:

Store as directed by product packaging. Store at temperature 0-30°C, to maintain product integrity. Use before expiration date marked on carton and on container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

This is an animal care/ medical device product that is safe to use under intended and reasonably foreseen use.

Exposure controls: Refer to the occupational exposure limits guidelines for the individual product components.

Always follow good hygienic work practices.

Engineering Controls: Good general room ventilation is adequate to use.

Individual protection measures, such as personal protective equipment

Hands:

No protective equipment is needed under normal use conditions.

Eyes:

No special protective equipment required.

Skin:

No protective equipment is needed under normal use conditions.

Respiratory protection:

No protective equipment is needed under normal use conditions.

Environmental Exposure Guidelines

No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Color:	Colorless
Molecular Formula:	Mixture	Odor:	Odorless

pH: 6.0-7.0

Melting Point (°C): Not applicable

Boiling Point (°C): Not applicable

Decomposition Temperature: Not applicable

Water Solubility: Not applicable

Solvent Solubility: Not applicable

Specific Gravity: Not applicable.

Vapor Density: Not applicable.

Flashpoint: Not applicable.

10. STABILITY AND REACTIVITY

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Stability:

Stable under recommended storage conditions.

Conditions to Avoid:

Extreme heat or cold. Do not freeze.

Possibility of hazardous reactions:

No data available.

Reactivity:

No dangerous reactions known.

Incompatible materials:

None.

Hazardous decomposition products:

None expected.

11. TOXICOLOGICAL INFORMATION

This is an animal care / medical device product that is safe under intended and reasonably foreseeable use.

Chronic Effects: Finished product is not expected to have chronic health effects.

Target Organs: No adverse health effects on target organs expected for finished product.

Carcinogenicity: Finished product is not expected to be carcinogenic. NTP: No IARC: No OSHA: No

Information on toxicological effects of individual components:

Components		
Boric acid	10043-35-3	Acute Toxicity: Ingestion/Oral-Rat LD50 • 2500 mg/kg; Behavioral: Convulsions or effect on seizure threshold ; Behavioral: Ataxia ; Reproductive: Ingestion/Oral-Rat TDLo • 1600 mg/kg (6-9D preg); Reproductive Effects:Specific Developmental Abnormalities: Musculoskeletal system ; Ingestion/Oral-Rat TDLo • 74 mg/kg (20D preg); Reproductive Effects: Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus)
Sodium tetraborate	1303-96-4	Acute Toxicity: Ingestion/Oral-Rat LD50 • 2660 mg/kg; Reproductive: Ingestion/Oral-Rat TDLo • 70 g/kg (90D male); Reproductive Effects:Paternal Effects: Testes, epididymis, sperm duct ; Ingestion/Oral-Rat TDLo • 70 g/kg (90D pre); Reproductive Effects:Maternal Effects: Ovaries, fallopian tubes ; Ingestion/Oral-Rat TDLo • 37 g/kg (multigenerations); Reproductive Effects:Effects on Newborn: Weaning or lactation index
Glycerin	56-81-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 12600 mg/kg; Ingestion/Oral-Mouse • 4090 mg/kg; Behavioral: General anesthetic; Behavioral: Muscle weakness; Liver: Other changes; Irritation: Skin-Rabbit LD50 • > 10000 mg/kg • Mild irritation; Reproductive: Ingestion/Oral-Rat TDLo • 100 mg/kg (1D male); Reproductive Effects:Effects on Fertility: Post implantation mortality
Sodium chloride	7647-14-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 3000 mg/kg; Ingestion/Oral-Mouse LD50 4000 mg/kg Biochemical:Metabolism (intermediary): Effect on Na-K pump Irritation: Skin-Rabbit LD50 • Mild irritation;
EDTA disodium	6381-92-6	Acute Toxicity: Ingestion/Oral-Rat LD50 • 2800 mg/kg Irritation: Skin-Rabbit LD50 • Not irritating

Potential Health Effects:

Inhalation

Acute (Immediate) - Under normal conditions of use, no health effects are expected.

Chronic (Delayed) - Under normal conditions of use, no health effects are expected.

Skin

Acute (Immediate) - Under normal conditions of use, no health effects are expected.

Chronic (Delayed) - Under normal conditions of use, no health effects are expected.

Eye**Acute (Immediate)** - Under normal conditions of use, no health effects are expected.**Chronic (Delayed)** - Under normal conditions of use, no health effects are expected.**Ingestion****Acute (Immediate)** - Small amounts (a tablespoonful) swallowed are not likely to cause injury: swallowing amounts larger than that may cause gastrointestinal irritation.**Chronic (Delayed)** - No data available**12. ECOLOGICAL INFORMATION****Environmental Overview:**

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

13. DISPOSAL CONSIDERATIONS**Disposal Procedures:**

Disposal should be in accordance with Federal, State/Provincial and Local regulations.

Product waste:

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Packaging waste:

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

14. TRANSPORT INFORMATION

Not regulated (non hazardous) for transport under US DOT, EU ADR, IATA, or IMDG regulations.

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance**

Inventory					
Component	CAS	Australia AICS	EU EINECS	TSCA	Canada DSL
Boric acid	10043-35-3	Yes	Yes	Yes	Yes
Sodium tetraborate	1303-96-4	Yes	Yes	Yes	Yes
Glycerin	56-81-5	Yes	Yes	Yes	Yes
Sodium chloride	7647-14-5	Yes	Yes	Yes	Yes
EDTA disodium	6381-92-6	Yes	No	No	Yes
Purified water	7732-18-5	Yes	Yes	Yes	Yes

Europe EU - CLP (1272/2008) - Annex VI - Table 3.2

Component	CAS	Classification	Concentration Limits	Labelling	Safety Phrases
Boric acid	10043-35-3	Repr.Cat.2; R60-61	5.5%≤C: Repr.Cat.2; R:60-61	T R:60-61 S:53-45	S:53-45
Sodium tetraborate	1303-96-4	Repr.Cat.2; R60-61	8.5%≤C: Repr.Cat.2; R:60-61	T R:60-61 S:53-45	S:53-45
Glycerin	56-81-5	Not Listed	Not Listed	Not Listed	Not Listed
Sodium chloride	7647-14-5	Not Listed	Not Listed	Not Listed	Not Listed
EDTA disodium	6381-92-6	Not Listed	Not Listed	Not Listed	Not Listed
Purified water	7732-18-5	Not Listed	Not Listed	Not Listed	Not Listed

Australia Australian Inventory of Chemical Substances

Component	CAS	Classification	Concentration Limits	Carcinogens List	Labelling
(AICS) Boric acid	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed
Sodium tetraborate	1303-96-4	Not Listed	Not Listed	Not Listed	Not Listed
Glycerin	56-81-5	Not Listed	Not Listed	Not Listed	Not Listed
Sodium chloride	7647-14-5	Not Listed	Not Listed	Not Listed	Not Listed
EDTA disodium	6381-92-6	Not Listed	Not Listed	Not Listed	Not Listed
Purified water	7732-18-5	Not Listed	Not Listed	Not Listed	Not Listed

Canada Workplace Hazardous Materials Information System - WHMIS

Component	CAS	Classification	Ingredient Disclosure List
Boric acid	10043-35-3	D2A	1%
Sodium tetraborate	1303-96-4	D2B	1%
Glycerin	56-81-5	Uncontrolled product according to WHMIS classification criteria	Not Listed
Sodium chloride	7647-14-5	Uncontrolled product according to WHMIS classification criteria	Not Listed
EDTA disodium	6381-92-6	Uncontrolled product according to WHMIS classification criteria	Not Listed
Purified water	7732-18-5	Uncontrolled product according to WHMIS classification criteria	Not Listed

United States U.S. - California - Proposition 65

Component	CAS	Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male
Boric acid	10043-35-3	Not Listed	Not Listed	Not Listed	Not Listed
Sodium tetraborate	1303-96-4	Not Listed	Not Listed	Not Listed	Not Listed
Glycerin	56-81-5	Not Listed	Not Listed	Not Listed	Not Listed
Sodium chloride	7647-14-5	Not Listed	Not Listed	Not Listed	Not Listed
EDTA disodium	6381-92-6	Not Listed	Not Listed	Not Listed	Not Listed
Purified water	7732-18-5	Not Listed	Not Listed	Not Listed	Not Listed

16. OTHER INFORMATION**Data Sources:**

Petnetwork proprietary product development information. Publicly available toxicity information. Safety data sheets for individual ingredients.

Prepared by:

Petnetwork Quality control department

Disclaimer:

This Material Safety Data Sheet is intended to provide a brief summary of company's knowledge and guidance regarding the use of this product. Petnetworkcompany believes that the information is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. Final determination of suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, it is not meant to be an all-inclusive document on worldwide hazard communication regulations. In no event shall Petnetwork or any of its subsidiaries be liable for any special, incidental or consequential damages.

End of Safety Data Sheet

