

SAFETY DATA SHEETS

This SDS packet was issued with item:

078914549

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078045594



122000009845

SAFETY DATA SHEET

Relief Spray

Version 1.0

Revision Date 04/28/2016

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Product Name: Relief Spray
Synonyms: ExpertCare Relief Spray (pump)
SDS Number: 122000009845

Use : veterinary medicine

Company

Bayer HealthCare, LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
UNITED STATES OF AMERICA
(800) 633-3796

In case of emergency: (800) 422-9874
Chemtrec: (800) 424-9300
BAYER INFORMATION PHONE:(800) 633-3796
INTERNATIONAL:(703) 527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

Colour: milky Form: liquid
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GHS Classification:

Not a dangerous substance / mixture according to GHS.

GHS Label element:

Not a dangerous substance / mixture according to GHS.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

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Other Ingredients Weight percent	Components	CAS-No.
3%	Glycerol	56-81-5
0.2%	Quaternium 15	4080-31-3

4. FIRST AID MEASURES

General advice: No hazards which require special first aid measures.

If inhaled: If symptoms persist, call a physician.

In case of skin contact: Wash off with soap and water. If skin reactions occur, contact a physician.

In case of eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed: If swallowed, seek medical advice immediately and show this container or label.

Contact Number: Use the Bayer Emergency Number in Section 1

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Fire may cause the release of: Carbon monoxide (CO)
Carbon dioxide (CO₂)

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

Methods for cleaning up: Cover spilled product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labeled, closable containers.

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Additional advice: No special precautions required.

Further Accidental Release Notes No special precautions required.

7. HANDLING AND STORAGE**Handling:**

Industrial uses: Avoid contact with skin, eyes and clothing.

No special protective measures against fire required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Glycerol (56-81-5)**

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Permissible exposure limit: 5 mg/m³ (Respirable fraction.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Permissible exposure limit: 15 mg/m³ (Total dust.)

Respiratory protection:

Recommended Filter type: Organic vapor with prefilter

None required for consumer use of this product.

Hand protection:

Chemically resistant gloves.

None required for consumer use of this product.

Eye protection:

Safety glasses

None required for consumer use of this product.

Hygiene measures:

Cleanliness Guidelines (GMP) for manufacturing of drugs must be observed!

Other protective measures:

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid

Colour: milky

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Odour:	No applicable information is available
Odour Threshold:	No applicable information is available
Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	1 g/cm ³ at 68 °F (20 °C) at 1,013 hPa
Bulk density:	No applicable information is available
Vapour pressure:	No applicable information is available
Viscosity, dynamic:	No applicable information is available
Viscosity, kinematic:	No applicable information is available
Flow time:	No applicable information is available
Surface tension:	No applicable information is available
Miscibility with water:	No applicable information is available
Water solubility:	No applicable information is available
pH:	No applicable information is available
Relative density:	No applicable information is available
Partition coefficient:	No applicable information is available
Solubility(ies):	No applicable information is available
Flash point:	No applicable information is available
Flammability (solid, gas):	No applicable information is available
Ignition temperature:	No applicable information is available
Explosion limits:	No applicable information is available

10. STABILITY AND REACTIVITY**Conditions to avoid:** No data available**Materials to avoid:** Oxidizing agents**Hazardous reactions:** None known.**Thermal decomposition:**

No data available

Hazardous decomposition products:Carbon monoxide (CO), Carbon dioxide (CO₂)**Oxidizing properties:**

No statements available.

Impact sensitivity:No data available

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11. TOXICOLOGICAL INFORMATION**Other information on toxicity:**

Glycerol

Inhalation of vapors causes irritation of the respiratory tract.

Ingestion of large quantities: Vomiting, Abdominal pain, headaches, Dizziness, Diarrhoea, Cyanosis

Acute oral toxicity:

Acute toxicity estimate (ATE) > 5,000 mg/kg

Method: Calculation method

Acute inhalation toxicity:

Glycerol

LC50 Rat, male: > 2.75 mg/l, 4 h

No adverse effect has been observed in acute toxicity tests.

Method: Calculation method

Acute dermal toxicity:

Glycerol

LD50 Rabbit: > 18,700 mg/kg

No adverse effect has been observed in acute toxicity tests.

Skin irritation:

Glycerol

Rabbit

Result: No skin irritation

Eye irritation:

Glycerol

Rabbit

Result: No eye irritation

Sensitisation:

Glycerol

Patch test on human volunteers did not demonstrate sensitisation properties.

Genotoxicity in vitro:

Glycerol

Ames test

Result: Negative.

Carcinogenicity:

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

STOT - single exposure:

No data available

STOT - repeated exposure:

No data available

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12. ECOLOGICAL INFORMATION**General advice:**

Do not allow to enter surface waters or groundwater. No data is available on the product itself.

Toxicity to fish:

Glycerol

Acute Fish toxicity: LC100 51,000 - 57,000 mg/l

Test species: *Oncorhynchus mykiss* (rainbow trout) Duration of test: 96 h

Acute Fish toxicity: LC50 > 44,000 mg/l

Test species: *Pimephales promelas* (fathead minnow) Duration of test: 96 h

Toxicity to daphnia and other aquatic invertebrates:

Glycerol

EC50 > 10,000 mg/l

Test species: *Daphnia magna* (Water flea) Duration of test: 24 h

EC0 > 500 mg/l

Test species: *Daphnia magna* (Water flea) Duration of test: 24 h

Toxicity to algae:

Glycerol

IC5 > 10,000 mg/l

tested on: *Scenedesmus quadricauda* (Green algae) Duration of test: 7 d

Toxicity to bacteria:

Glycerol

EC5 > 10,000 mg/l

tested on: *Pseudomonas putida*

Duration of test: 16 h

EC5 3,200 mg/l

tested on: Protozoa

Duration of test: 72 h

Biodegradability:

Glycerol

63 %, 14 d rapidly biodegradable

Method: OECD 301 C

Bioaccumulation:

Glycerol

Bioaccumulation is unlikely.

13. DISPOSAL CONSIDERATIONS

If discarded in its purchased form, this product would not be a hazardous waste either by listing or

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by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

14. TRANSPORT INFORMATION**Land transport (CFR)**

non-regulated

US Sea transport (IMDG)

non-regulated

US Air transport (ICAO / IATA cargo aircraft only)

non-regulated

US Air transport (ICAO / IATA passenger and cargo aircraft)

non-regulated

International IATA

IMDG

non-regulated

non-regulated

15. REGULATORY INFORMATION**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)****Components**

None

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**Components**

None

US. EPA CERCLA Hazardous Substances (40 CFR 302) Components

None

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists

Weight percent	Components	CAS-No.
1 - 5%	Glycerol	56-81-5

New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists

Weight percent	Components	CAS-No.
0.1 - 1%	Quaternium 15	4080-31-3

California Prop. 65

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To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

OSHA Hazcom Standard RatingNot subject to OSHA

16. OTHER INFORMATION**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.