



SAFETY DATA SHEET

122000010231

quellin

Version 1.1

Revision Date 03/24/2014

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

Product information

Product Name: quellin
MSDS Number: 122000010231

Use : veterinary medicine, unfinished

Company

BAYER HEALTHCARE LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
USA
(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

Form: solid

GHS Classification:

Not a dangerous substance / mixture according to GHS.

GHS Label element:

Not a dangerous substance / mixture according to GHS.

Hazard Communication (29CFR 1910.1200)

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
7 - 13%	Tradeseecret	
1 - 5%	Tradeseecret	
1 - 5%	Tradeseecret	
10 - 30%	Polyhydric alcohol	
10 - 30%	(Pregelatinized) Starch	

Other Ingredients		CAS-No.
Weight percent	Components	
0.694%	Carprofen	53716-49-7

4. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately.

If inhaled: Remove to fresh air. If symptoms persist, call a physician.

In case of skin contact: After contact with skin, wash immediately with plenty of 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: Any

Specific hazards during firefighting: Fire may cause evolution 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.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment.

Methods for cleaning up: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

Additional advice: Avoid dust formation.

Further Accidental Release Notes Avoid dust formation.

7. HANDLING AND STORAGE**Handling:**

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

No special protective measures against fire required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Hand protection:**

Chemically resistant gloves.

Eye protection:

Safety glasses

Other protective measures:

No special safety precautions are required during handling of pharmaceuticals in their intended finished form (tablets or liquid formulations) by chemists, the hospital's medical staff or patients.

For the intake of ready for use pharmaceuticals or the external use on the skin please read the label and the package leaflet.

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	solid
Colour:	No applicable information is available
Odour:	No applicable information is available

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Odour Threshold:	No applicable information is available
Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	No applicable information is available
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:**

Polyhydric alcohol

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

The substance or mixture has no acute oral toxicity

Method: Calculation method

Acute inhalation toxicity:

The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity:

Tradesecret

LD50 rabbit: > 5,000 mg/kg

The substance or mixture has no acute dermal toxicity

Polyhydric alcohol

LD50 rabbit: > 18,700 mg/kg

The substance or mixture has no acute dermal toxicity

Acute toxicity (other routes of administration):

Carprofen

LD50 intraperitoneal rat: 110 mg/kg

LD50 subcutaneous rat: 190 mg/kg

LD50 intraperitoneal mouse: 165 mg/kg

LD50 subcutaneous mouse: 267 mg/kg

Tradesecret

LD50 intravenous mouse: 23 mg/kg

(Pregelatinized) Starch

LD50 intraperitoneal mouse: 6,600 mg/kg

Skin irritation:

Tradesecret

Result: May irritate skin.

Carprofen

Result: May irritate skin.

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Tradeseecret
rabbit
Result: No skin irritation
Method: Draize Test

Tradeseecret
rabbit
Result: Moderate skin irritation

Polyhydric alcohol
rabbit
Result: No skin irritation

(Pregelatinized) Starch
rabbit
Result: Mild skin irritation
Method: Draize Test

Eye irritation:

Tradeseecret
Result: May irritate eyes.

Carprofen
Result: May irritate eyes.

Tradeseecret
rabbit
Result: No eye irritation
Method: Draize Test

Tradeseecret
Result: No eye irritation
Test substance: Data on a comparable substance

Polyhydric alcohol
rabbit
Result: No eye irritation

Sensitisation:

Polyhydric alcohol

Patch test on human volunteers did not demonstrate sensitization properties.

Genotoxicity in vitro:

Tradeseecret
Ames test Escherichia coli
Result: negative

Tradeseecret
Ames test
Result: negative
Test substance: Data on a comparable substance

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Polyhydric alcohol

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

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:

Tradeseecret

semi-static test: LC50 > 100 mg/l

Test species: Leuciscus idus (Golden orfe)

Method: ISO 7346/2

LC50 > 100 mg/l

Test species: Danio rerio (zebra fish)

Method: ISO 7346/2

Polyhydric alcohol

Acute Fish toxicity: LC50 > 5,000 mg/l

Test species: Carassius auratus (goldfish) Duration of test: 24 h

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 > 250 mg/l

Test species: Leuciscus idus (Golden orfe) Duration of test: 48 h

Toxicity to daphnia and other aquatic invertebrates:

Polyhydric alcohol

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:

Polyhydric alcohol

IC5 > 10,000 mg/l

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

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Toxicity to bacteria:

Tradeseecret

EC0 > 100 mg/l

tested on: Pseudomonas putida

Test substance: Data on a comparable substance

Polyhydric alcohol

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:

Tradeseecret

rapidly biodegradable

Tradeseecret

> 60 %, rapidly biodegradable

Test substance: Data on a comparable substance

Polyhydric alcohol

63 %, 14 d rapidly biodegradable

Method: OECD Test Guideline 301C

Bioaccumulation:

Polyhydric alcohol

Bioaccumulation is unlikely.

13. DISPOSAL CONSIDERATIONS

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

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US Air transport (ICAO / IATA cargo aircraft only)**Non-Regulated****US Air transport (ICAO / IATA passenger and cargo aircraft)****Non-Regulated****International IATA** --

IMDG --

15. REGULATORY INFORMATION**Other regulations:** No statements available.**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.**

10 - 30% Polyhydric alcohol

10 - 30% (Pregelatinized) Starch

California Prop. 65**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 Rating** Hazardous**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.

