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

Product information
Product Name: ExpertCare Ear Cleaning Rinse
MSDS Number: 122000010010

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: liquid
Causes eye irritation.

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)
This product is a mixture. Health hazard information is based on its components.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Weight percent</th>
<th>Components</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1%</td>
<td>Propane-1,2-diol</td>
<td>57-55-6</td>
</tr>
<tr>
<td>1%</td>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**General advice:** Take off all contaminated clothing immediately.

**If inhaled:** Remove to fresh air. Call a physician immediately.

**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.

**Most important symptoms and effects, both acute and delayed:** No information available.

**Notes to physician:** No information available.

**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 evolution of: Carbon monoxide 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 spilt product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labelled, closable containers.

7. HANDLING AND STORAGE

**Handling:**

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

Industrial uses: Take measures to prevent the build up of electrostatic charge. Keep away from open flames, hot surfaces and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Propane-1,2-diol (57-55-6)**

**Benzyl Alcohol (100-51-6)**

**Respiratory protection:**
Recommended Filter type: Organic vapor with prefilter

**Hand protection:**
Chemically resistant gloves.

**Eye protection:**
Safety glasses

**Other protective measures:**
Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>No applicable information is available</td>
</tr>
<tr>
<td>Colour</td>
<td>No applicable information is available</td>
</tr>
<tr>
<td>Odour</td>
<td>No applicable information is available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No applicable information is available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No applicable information is available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No applicable information is available</td>
</tr>
<tr>
<td>Density</td>
<td>1.008 g/cm³ at 68 °F (20 °C)</td>
</tr>
</tbody>
</table>
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, Carbon dioxide (CO2)

**Oxidizing properties:**

No statements available.

**Impact Sensitivity:**
no data available

11. TOXICOLOGICAL INFORMATION

**Other information on toxicity:**

No data is available on the product itself.
Acute oral toxicity:
Propane-1,2-diol
LD50 rat: 22,000 mg/kg

Benzyl Alcohol
LD50 rat: 1,230 mg/kg

Acute inhalation toxicity:
Propane-1,2-diol
LC50 rabbit: > 317 mg/l, 2 h

Benzyl Alcohol
LC50 rat: > 4.1 mg/l, 4 h

Acute dermal toxicity:
Propane-1,2-diol
LD50 rabbit: > 5,000 mg/kg

Benzyl Alcohol
LD50 rabbit: > 2,000 mg/kg

Skin irritation:
Propane-1,2-diol
rabbit
Result: No skin irritation

Benzyl Alcohol
Result: Mild skin irritation

Eye irritation:
Propane-1,2-diol
rabbit
Result: No eye irritation
slight irritation

Benzyl Alcohol
rabbit
Result: Mild eye irritation

Sensitisation:
Propane-1,2-diol
Human experience
Result: Does not cause skin sensitization.

guinea pig
Result: Does not cause skin sensitization.

Method: OECD Test Guideline 406

Benzyl Alcohol
guinea pig
Result: Did not cause sensitization on laboratory animals.
Method: Magnusson and Kligmann maximization test
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:**
Propane-1,2-diol
Acute Fish toxicity: LC50 40,613 mg/l
Test species: Pimephales promelas (fathead minnow) Duration of test: 96 h

Benzyl Alcohol
Acute Fish toxicity: LC50 10 mg/l
Test species: Lepomis macrochirus (Bluegill) Duration of test: 96 h

**Toxicity to daphnia and other aquatic invertebrates:**
Propane-1,2-diol
LC50 18,340 mg/l
Test species: Ceriodaphnia dubia Duration of test: 48 h
122000010010

SAFETY DATA SHEET
ExpertCare Ear Cleaning Rinse
Version 2.0 Revision Date 04/17/2013

Benzyl Alcohol
EC50 55 mg/l
Test species: Daphnia magna (Water flea) Duration of test: 24 h

Toxicity to algae:
Propane-1,2-diol
IC50 19,100 mg/l
tested on: Pseudokirchneriella subcapitata (green algae)

Benzyl Alcohol
IC50 > 100 mg/l
Duration of test: 72 h

Toxicity to bacteria:
Propane-1,2-diol
> 20,000 mg/l
tested on: Pseudomonas putida

Benzyl Alcohol
EC50 71.4 mg/l
tested on: Photobacterium phosphoreum
Duration of test: 0.5 h

Biodegradability:
Propane-1,2-diol
87 - 92 %, 28 d rapidly biodegradable
Method: OECD Test Guideline 301C

Benzyl Alcohol
92 - 96 %, 28 d rapidly biodegradable
Method: OECD Test Guideline 301C

Bioaccumulation:
Propane-1,2-diol

Bioconcentration factor (BCF)
0.09

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

- **Sea transport (IMDG)**
  Non-Regulated

- **Air transport (ICAO / IATA cargo aircraft only)**
  Non-Regulated

- **Air transport (ICAO / IATA passenger and cargo aircraft)**
  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**

<table>
<thead>
<tr>
<th>Weight percent</th>
<th>Components</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 5%</td>
<td>Propane-1,2-diol</td>
<td>57-55-6</td>
</tr>
<tr>
<td>1 - 5%</td>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
</tr>
</tbody>
</table>

**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.