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

Product information

Product Name: Advantage Treatment Spray for Cats
MSDS Number: 122000010817

Use: veterinary medicine

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

| Colour: clear, yellowish | Form: liquid | Odour: Alcohol |

GHS Classification:

- Flammable liquids: Category 2
- Eye irritation: Category 2
- Specific target organ toxicity - single exposure: Category 3 (Central nervous system)
- Acute toxicity: Category 5

GHS Label element:

- Hazard pictograms:

- Signal word: Danger
Hazard statements:
- H225 Highly flammable liquid and vapour.
- H303 May be harmful if swallowed.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

Precautionary statements:
**Prevention:**
- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P233 Keep container tightly closed.
- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P273 Avoid release to the environment.

**Response:**
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

**Storage:**
- P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Hazard Communication (29CFR 1910.1200)

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Other Ingredients</th>
<th>Components</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight percent</td>
<td>Pyrethrum Extract</td>
<td>8003-34-7</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.

**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 (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. Use adequate ventilation.

**Methods for cleaning up:** Suppress (knock down) gases/vapours/mists with a water spray jet. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Place in closed containers. Label for proper disposal.

**Additional advice:** No special precautions required.

**Further Accidental Release Notes**

No special precautions required.

7. HANDLING AND STORAGE

**Handling:**
Industrial uses: Avoid formation of aerosol. Only handle product with local exhaust ventilation.
Avoid contact with skin, eyes and clothing.

No special protective measures against fire required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Propan-2-ol (67-63-0)**

US. ACGIH Threshold Limit Values
Time Weighted Average (TWA): 200 ppm
US. ACGIH Threshold Limit Values
9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid
Colour: clear, yellowish
Odour: Alcohol
Odour Threshold: No applicable information is available
Melting point: No applicable information is available
Boiling point/boiling range: No applicable information is available
Density: 0.788 g/cm³ at 68 °F (20 °C)
Bulk density: No applicable information is available
Vapour pressure: No applicable information is available
Viscosity, dynamic: 7.5 mPa.s at 69.26 °F (20.7 °C)
Viscosity, kinematic: No applicable information is available
Flow time: No applicable information is available
Surface tension: No applicable information is available
Miscibility with water: in all proportions
Water solubility: No applicable information is available
pH: 9.6 at 50 g/l
Relative density: No applicable information is available
Partition coefficient: No applicable information is available
Solubility(ies): No applicable information is available
Flash point: 60.08 °F (15.6 °C) closed cup
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

11. TOXICOLOGICAL INFORMATION
Acute oral toxicity:
LD50 rat: 3,980 mg/kg
May be harmful if swallowed.

Acute inhalation toxicity:
LC50 > 9.66 mg/l, 4 h
The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity:
LD50 rabbit: > 2,000 mg/kg

Skin irritation:
rat
Result: Mild skin irritation

Eye irritation:
Result: Irritation to eyes, reversing within 7 days

Sensitisation:
guinea pig
Result: Does not cause skin sensitization.

Carcinogenicity:
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.

13. DISPOSAL CONSIDERATIONS

If discarded in its purchased form, this product would be a hazardous waste. 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)
Proper shipping name: ISOPROPNAL SOLUTION
Hazard Class or Division: 3
UN/NA Number: UN1219
Packaging group: II
Hazard Label(s): Flammable Liquid

US Sea transport (IMDG)
Proper shipping name: ISOPROPANOL SOLUTION
Hazard Class or Division: 3
UN number: UN1219
Packaging group: II
Hazard Label(s): FLAMMABLE LIQUIDS

US Air transport (ICAO / IATA cargo aircraft only)
Proper shipping name: ISOPROPANOL SOLUTION
Hazard Class or Division: 3
UN/ID Number: UN1219
Packaging group: II
Hazard Label(s): FLAMMABLE LIQUIDS

US Air transport (ICAO / IATA passenger and cargo aircraft)
Proper shipping name: ISOPROPANOL SOLUTION
Hazard Class or Division: 3
UN/ID Number: UN1219
Packaging group: II
Hazard Label(s): FLAMMABLE LIQUIDS

International IATA
UN Number: 1219
Description of the goods: ISOPROPANOL SOLUTION
Class: 3
Packaging group: II
Environmentally hazardous: no

International IMDG
UN Number: 1219
Description of the goods: ISOPROPANOL SOLUTION
Class: 3
Packaging group: II
IMDG-Labels: 3
Marine Pollutant: no

15. REGULATORY INFORMATION

Other regulations: No statements available.

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.