

SAFETY DATA SHEET

122000012505

Advantage® Treatment Shampoo for Cats and Kittens NF

Version 1.0

Revision Date 01/30/2015

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product information**

Product Name: Advantage® Treatment Shampoo for Cats and Kittens NF
MSDS Number: 122000012505

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: yellowish **Form:** liquid **Odour:** Flowery.

GHS Classification:

Skin irritation : Category 2
Eye irritation : Category 2

GHS Label element:

Hazard pictograms :



Signal word : Warning

Hazard statements : H315 Causes skin irritation.
H319 Causes serious eye irritation.

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Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.
Response:
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P391 Collect spillage.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
25 - 50%	Ammonium lauryl sulfate	2235-54-3
<2.5%	N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide	113-48-4
0.25 - 2.5%	Piperonyl butoxide	51-03-6
0.15%	Pyrethrum Extract	8003-34-7

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

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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. Use personal protective equipment.

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.

Additional advice: No special precautions required.

Further Accidental Release Notes No special precautions required.

7. HANDLING AND STORAGE**Handling:**

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**Respiratory protection:**

Recommended Filter type: Organic vapor with prefilter

Hand protection:

Chemically resistant gloves.

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Eye protection:

Safety glasses

Other protective measures:

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid	
Colour:	yellowish	
Odour:	Flowery	
Odour Threshold:	No applicable information is available	
Melting point:	No applicable information is available	
Boiling point/boiling range:	No applicable information is available	
Density:	1.07 g/cm ³ at 68 °F (20 °C)	
Bulk density:	No applicable information is available	
Vapour pressure:	No applicable information is available	
Viscosity, dynamic:	1,100 cps	
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:	miscible	
pH:	6.2	
Relative density:	No applicable information is available	
Partition coefficient:	No applicable information is available	
Solubility(ies):	No applicable information is available	
Flash point:	159.8 °F (71 °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:** No data available**Thermal decomposition:**

No data available

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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:**

Acute toxicity estimate (ATE) > 2,000 mg/kg

Method: Calculation method

Calculated for GHS Classification and Labelling.

Acute inhalation toxicity:

Acute toxicity estimate (ATE) > 20 mg/l

Method: Calculation method

Calculated for GHS Classification and Labelling.

Acute dermal toxicity:

Acute toxicity estimate (ATE) > 2,000 mg/kg

Method: Calculation method

Calculated for GHS Classification and Labelling.

Skin irritation:

N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide

Rabbit

Result: Mild skin irritation

Eye irritation:

N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide

Rabbit

slight irritation According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Sensitisation:N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide
guinea pig

Result: Does not cause skin sensitisation.

Subacute, subchronic and prolonged toxicity:

N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide

NOEL 50 mg/kg, Rat, Exposure time 24 month

Chronic

NOEL 250 ppm, Dog, Exposure time 12 month

Chronic

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NOEL 450 mg/kg, Rat, Exposure time 24 month
Oncogenicity

NOEL 50 mg/kg, Mouse, Exposure time 18 month
Oncogenicity

NOEL 400 mg/kg, Rat, Exposure time 3 month
Subchronic toxicity

Reproductive toxicity:

N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide

Rat: NOAEL: > 10000 mg/kg

Teratogenicity:

N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide

Rat: NOAEL: 1000 mg/kg

Rabbit: NOAEL: 100 mg/kg

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.

Toxicity to fish:

N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide

LC50 1.4 mg/l

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

LC50 2.3 mg/l

Test species: Lepomis macrochirus (Bluegill) Duration of test: 96 h

Toxicity to daphnia and other aquatic invertebrates:

N-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide

LC50 2.3 mg/l

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)

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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

UN Number	3082
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PYRETHRINS)
Class	9
Packaging group	III
Dangerous goods labels	9
Environmentally hazardous	yes

International IMDG

UN Number	3082
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PYRETHRINS)
Class	9
Packaging group	III
IMDG-Labels	9
EmS Number	F-A
Marine pollutant	yes

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

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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

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

Weight percent	Components	CAS-No.
0.1 - 1%	Piperonyl butoxide	51-03-6

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.