



SAFETY DATA SHEET

122000012509

Advantage™ Carpet & Upholstery Spot Spray

Version 1.0

Revision Date 02/05/2015

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

Product information

Product Name: Advantage™ Carpet & Upholstery Spot Spray

MSDS Number: 122000012509

Use : Insect-repellent

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

GHS Classification:

Not a dangerous substance / mixture according to GHS.

GHS Label element:

Not a dangerous substance / mixture according to GHS.

Other hazards which do not result in classification:

None known.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Other Ingredients		
Weight percent	Components	CAS-No.
0.0249%	Imidacloprid	138261-41-3
0.0124%	Cyfluthrin	68359-37-5
0.0119 - 0.1%	Glycerol	56-81-5

4. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately. Consult a physician if necessary.

If inhaled: Remove to fresh air.

Oxygen or artificial respiration if needed.

In case of skin contact: After contact with skin, wash immediately with plenty of soap and water.

After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.

In case of eye contact: Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.

If swallowed: If the patient is conscious, rinse out mouth with water and have the patient drink a glass of water or milk to dilute the material.

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.

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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 contact with skin, eyes and clothing.

No special protective measures against fire required.

Storage:

Store at temperatures and conditions as indicated on the product label.

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

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

PEL: 5 mg/m³ (Respirable fraction.)

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

PEL: 15 mg/m³ (Total dust.)

Respiratory protection:

not required

Hand protection:

Chemically resistant gloves.

Eye protection:

Safety glasses

Safety glasses with side-shields

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Other protective measures:

Use general room ventilation.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Colour:	No applicable information is available
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
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:	5.7 - 6.7 at (77 °F (25 °C))
Relative density:	No applicable information is available
Partition coefficient:	No applicable information is available
Solubility(ies):	No applicable information is available
Flash point:	> 200 °F (> 93.33 °C)
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

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

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Oxidizing properties:

No statements available.

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:

Glycerol

LD50 Rat: > 2,000 mg/kg

The substance or mixture has no acute oral toxicity

Acute inhalation toxicity:

Glycerol

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

The substance or mixture has no acute inhalation toxicity

Method: Calculation method

Acute dermal toxicity:

Glycerol

LD50 Rabbit: > 18,700 mg/kg

The substance or mixture has no acute dermal toxicity

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

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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:

Glycerol

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:

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

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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 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

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

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Marine pollutantyes

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

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**Non-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.