



SAFETY DATA SHEET

122000010772

Advantage Carpet & Upholstery Spot Spray

Version 1.0

Revision Date 10/18/2013

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product information****Product Name:** Advantage Carpet & Upholstery Spot Spray

MSDS Number: 122000010772

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**

CAUTION! Colour: milky, white **Odour:** sweet, characteristic.
May irritate skin. Harmful if swallowed.

GHS Classification:**Acute toxicity** : Category 5**GHS Label element:****Signal word** : Warning**Hazard statements** : H303 May be harmful if swallowed.**Precautionary statements** : **Prevention:**
P281 Use personal protective equipment as required.
Response:
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P391 Collect spillage.
Disposal:

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P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification:

None known.

Hazard Communication (29CFR 1910.1200)

Skin Contact

Hazardous under 29 CFR 1910.1200

Acute Inhalation Hazards

If misted or handled at elevated temperatures, high concentrations can produce irritation and/or difficulty breathing.

Acute Ingestion Hazards

Expected to be harmful.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
1 - 5%	Distillates (petroleum), hydrotreated light	64742-47-8

Other Ingredients	Components	CAS-No.
Weight percent 0.05%	Imidacloprid	138261-41-3

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.

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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. 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:

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Recommended Filter type: Organic vapor with prefilter

Hand protection:

Chemically resistant gloves.

Eye protection:

Safety glasses

Other protective measures:

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	No applicable information is available
Colour:	milky, white
Odour:	sweet, characteristic
Odour Threshold:	No applicable information is available
Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	1.0 g/cm ³ at 68 °F (20 °C)
Bulk density:	No applicable information is available
Vapour pressure:	No applicable information is available
Viscosity, dynamic:	5.33 mPa.s at 69.98 °F (21.1 °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:	5.3 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:	This aerosol is NOT classified as FLAMMABLE by the flame extension test method described in 16 CFR 1500.45.
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

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Materials to avoid: Oxidizing agents

Hazardous reactions: no data available

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 : 3,129 mg/kg

May be harmful if swallowed.

Acute inhalation toxicity:

LC50 rat: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity:

LD50 rabbit: > 5,000 mg/kg

Skin irritation:

Result: Slightly irritating

Eye irritation:

Result: No eye irritation

Sensitisation:

Imidacloprid

Skin sensitization guinea pig

Result: Did not cause sensitization on laboratory animals.

Method: Magnusson and Kligmann maximization test

Genotoxicity in vitro:

Imidacloprid

Ames test

Result: negative

In vitro tests did not show mutagenic effects

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Genotoxicity in vivo:

Imidacloprid

Result: No indication of mutagenic effects., No evidence of a genotoxic effect.

Carcinogenicity:

Imidacloprid

Result: Animal testing did not show any carcinogenic effects.

Reproductive toxicity:

Imidacloprid

Result: Animal studies have produced no evidence of toxic effects on reproduction.

Teratogenicity:

Imidacloprid

Result: Animal studies have produced no evidence of harmful effects on development.

Pharmaceutic effects:

Imidacloprid

Insecticide

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:

Distillates (petroleum), hydrotreated light

Acute Fish toxicity: LC50 > 1,000 mg/l

Test species: Salmo gairdneri Duration of test: 96 h

Imidacloprid

Acute Fish toxicity: LC50 280 mg/l

Test species: Cyprinus carpio (Carp) Duration of test: 96 h

Acute Fish toxicity: LC50 211 mg/l

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

Acute Fish toxicity: LC50 237 mg/l

Test species: Leuciscus idus (Golden orfe) Duration of test: 96 h

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Toxicity to daphnia and other aquatic invertebrates:

Distillates (petroleum), hydrotreated light

EC50 > 1,000 mg/l

Duration of test: 48 h

Imidacloprid

EC50 0.055 mg/l

Test species: Hyalella azteca Duration of test: 96 h

Toxicity to algae:

Imidacloprid

EC50 > 100 mg/l

tested on: Pseudokirchneriella subcapitata (green algae) Duration of test: 72 h

EC50 > 10 mg/l

tested on: Desmodesmus subspicatus (green algae) Duration of test: 72 h

Toxicity to bacteria:

Imidacloprid

EC50 > 10,000 mg/l

tested on: activated sludge micro-organism

Method: OECD TG 209

Bioaccumulation:

Imidacloprid

Low potential for bioaccumulation

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)**

Proper shipping name:	AEROSOLS
Hazard Class or Division:	2.2
UN/NA Number:	UN1950
Packaging group	None
Hazard Label(s):	Non-Flammable Gas

US Sea transport (IMDG)

Proper shipping name:	AEROSOLS
Hazard Class or Division:	2.2

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UN number: UN1950
Packaging group: None
Hazard Label(s): NON-FLAMMABLE, NON-TOXIC GASES

US Air transport (ICAO / IATA cargo aircraft only)

Proper shipping name: AEROSOLS
Hazard Class or Division: 2.2
UN/ID Number: UN1950
Packaging group: None
Hazard Label(s): NON-FLAMMABLE, NON-TOXIC GAS

US Air transport (ICAO / IATA passenger and cargo aircraft)

Proper shipping name: AEROSOLS
Hazard Class or Division: 2.2
UN/ID Number: UN1950
Packaging group: None
Hazard Label(s): NON-FLAMMABLE, NON-TOXIC GAS

International IATA

UN Number 1950
Description of the goods AEROSOLS, NON-FLAMMABLE
Class 2.2
Dangerous goods labels 2.2
Environmentally hazardous yes

International IMDG

UN Number 1950
Description of the goods AEROSOLS
(D-PHENOTHRIN)
Class 2.2
IMDG-Labels 2.2
EmS Number F-D
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

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

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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**HMIS Rating**

Health	2
Flammability	4
Physical Hazard	

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

* = Chronic Health Hazard

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.