

SAFETY DATA SHEET
CATRON® IV

122000008509

Version 1.1

Revision Date 03/15/2013

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
Product information CATRON IV AEROSOL SPRAY 10 OZ

Product Name: CATRON® IV
MSDS Number: 122000008509

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
DANGER! Flammable Aerosol Colour: violet Form: aerosol Odour: slight.
 Harmful if ingested, inhaled or absorbed through the skin. Harmful if swallowed.

GHS Classification:
Flammable aerosols : Category 2
Germ cell mutagenicity : Category 1B
Carcinogenicity : Category 1B

GHS Label element:
Hazard pictograms :

Signal word : Danger

Hazard statements : H223 Flammable aerosol.
 H340 May cause genetic defects.

H350 May cause cancer.

Precautionary statements : **Prevention:**
P201 Obtain special instructions before use.
P273 Avoid release to the environment.
P281 Use personal protective equipment as required.
Response:
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P391 Collect spillage.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Hazard Communication (29CFR 1910.1200)

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Weight percent | Components | CAS-No. |
|----------------|--------------|------------|
| 3 - 7% | Tradeseecret | |
| 1 - 5% | Tradeseecret | |
| 0.5% | Permethrin | 52645-53-1 |

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.
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: Any

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. Use adequate ventilation. Keep people away from and upwind of spill/leak.

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: Keep away from/remove sources of ignition. Possible need to alert the neighbourhood.

Further Accidental Release Notes Keep away from/remove sources of ignition. Possible need to alert the neighbourhood.

7. HANDLING AND STORAGE

Handling:

Use product only in closed system.

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

Permethrin (52645-53-1)

Respiratory protection:

Recommended Filter type: HEPA

Hand protection:

Chemically resistant gloves.

Eye protection:

Safety glasses

Other protective measures:

Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------|---|
| Form: | No applicable information is available |
| Colour: | violet |
| Odour: | slight |
| Odour Threshold: | No applicable information is available |
| Melting point: | No applicable information is available |
| Boiling point/boiling range: | No applicable information is available |
| Density: | 0.951 g/cm ³ |
| Bulk density: | 951.421 kg/m ³ |
| Vapour pressure: | No applicable information is available |
| Viscosity, dynamic: | No applicable information is available |
| Viscosity, kinematic: | 23,418.173 mm ² /s at 68 °F (20 °C) 13,272.797 mm ² /s at 104 °F (40 °C) |
| 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: | 4.06 at 10 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: | No applicable information is available |
| 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, Carbon dioxide (CO₂)

Oxidizing properties:

No statements available.

Impact Sensitivity:

no data available

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:

Tradeseecret

LD50 rat: > 8,000 mg/kg

Tradeseecret

LD50 rat: > 5,000 mg/kg

Method: OECD Test Guideline 401

Acute inhalation toxicity:

Tradeseecret

LC50 rat: > 44 mg/l

Tradeseecret

LC50 rat: > 5 mg/l, 4 h

Method: OECD Test Guideline 403

Acute dermal toxicity:

Tradeseecret

LD50 rabbit: > 2,000 mg/kg

Method: OECD Test Guideline 402

Skin irritation:

Tradeseecret

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

Result: May irritate skin.

Eye irritation:

Tradeseecret

Result: Eye irritation

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Reproductive toxicity:

Tradeseecret

Application Route: Oral

rat: Test period: 35 d

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

Teratogenicity:

Tradeseecret

Application Route: Oral

rat, female: Test period: 35 d

Result: Showed no teratogenic effect in animal studies.

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:

Tradeseecret

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

Test species: Salmo gairdneri Duration of test: 96 h

Tradeseecret

Acute Fish toxicity: > 10,000 mg/l

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

Toxicity to daphnia and other aquatic invertebrates:

Tradeseecret

EC50 > 1,000 mg/l

Test species: no data available Duration of test: 48 h

Biodegradability:

Tradeseecret

inherently degradable

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: 2.1
UN/NA Number: UN1950
Packaging group: None
Hazard Label(s): Flammable Gas

Sea transport (IMDG)

Proper shipping name: AEROSOLS
Hazard Class or Division: 2.1
UN number: UN1950
Packaging group: None
Hazard Label(s): FLAMMABLE GASES

Air transport (ICAO / IATA cargo aircraft only)

Proper shipping name: CONSUMER COMMODITY
Hazard Class or Division: 9
UN/ID Number: ID8000
Packaging group: None
Hazard Label(s): MISCELLANEOUS

Air transport (ICAO / IATA passenger and cargo aircraft)

Proper shipping name: CONSUMER COMMODITY
Hazard Class or Division: 9
UN/ID Number: ID8000
Packaging group: None
Hazard Label(s): MISCELLANEOUS

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

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

| Weight percent | Components | CAS-No. |
|-----------------------|-------------------|----------------|
| 0.1 - 1% | Permethrin | 52645-53-1 |

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.