



SAFETY DATA SHEET

122000008519

CLEAN-UP™ POUR-ON INSECTICIDE WITH IGR

Version 2.0

Revision Date 01/18/2013

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

Product Name: CLEAN-UP™ POUR-ON INSECTICIDE WITH IGR
MSDS Number: 122000008519

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
Chemtec: (800) 424-9300
BAYER INFORMATION PHONE:(800) 633-3796
INTERNATIONAL:(703) 527-3887

2. HAZARDS IDENTIFICATION**Emergency Overview**

CAUTION! Colour: yellowish **Form:** liquid **Odour:** aromatic.
Avoid exposure by inhalation or direct contact with skin or mucous membranes.

Hazard Communication (29CFR 1910.1200)

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
1 - 5%	Tradeseecret	
1 - 5%	Light mineral oil	
5%	Permethrin	52645-53-1

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Other Ingredients	Components	CAS-No.
Weight percent		
5%	Diflubenzuron	35367-38-5

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: Hydrogen fluoride Hydrogen chloride gas

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: Keep away from/remove sources of ignition.

Further Accidental Keep away from/remove sources of ignition.

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Release Notes

7. HANDLING AND STORAGE**Handling:**

Avoid formation of aerosol. Only handle product with local exhaust ventilation. Avoid contact with skin, eyes and clothing.

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**Respiratory protection:**

Recommended Filter type: Organic vapor with prefilter

Hand protection:

Chemically resistant gloves.

Eye protection:

Safety glasses

Other protective measures:

Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour:	yellowish
Odour:	aromatic
Density:	0.915 g/cm ³
Miscibility with water:	negligible

10. STABILITY AND REACTIVITY

Conditions to avoid: Do not allow product to come in contact with:

Heat.

Exposure to sunlight.

Materials to avoid: Strong acids

Hazardous reactions: None known.

Thermal decomposition:

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no data available

Hazardous decomposition products:

nitrogen oxides (NO_x), Carbon monoxide, Carbon dioxide (CO₂)

Oxidizing properties:

No statements available.

Impact Sensitivity:

no data available

11. TOXICOLOGICAL INFORMATION**Acute oral toxicity:**

LD50 rat , female : > 5,000 mg/kg

Acute inhalation toxicity:

LC50 rat: > 5.08 mg/l

Acute dermal toxicity:

LD50 rat: > 5,000 mg/kg

Skin irritation:

rabbit

Result: Slightly irritating

Eye irritation:

rabbit

Result: Mild eye irritation

Sensitisation:

Result: Does not cause skin sensitization.

Method: Buehler Test

Genotoxicity in vitro:

Tradeseecret

Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Genotoxicity in vivo:

Tradeseecret

Result: No indication of mutagenic effects.

Human experience:

Tradeseecret

Prolonged inhalation of fine quartz dust may produce in susceptible persons silicosis. Fine quartz dust has no acute toxicity. Ingestion of fine quartz dust is harmless.

Pharmaceutic effects:

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Permethrin
Insecticide

12. ECOLOGICAL INFORMATION**General advice:**

Do not allow to enter surface waters or groundwater.

Toxicity to fish:

Tradeseecret

Acute Fish toxicity: LC50 > 10,000 mg/l

Test species: Danio rerio (zebra fish) Duration of test: 96 h

Method: OECD Test Guideline 203

Light mineral oil

LC50 > 10,000 mg/l

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

Permethrin

LC50 0.0076 mg/l

Test species: Poecilia reticulata Duration of test: 48 h

Toxicity to daphnia and other aquatic invertebrates:

Tradeseecret

EC50 > 10,000 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 48 h

Method: OECD Test Guideline 202

Permethrin

EC50 37 µg/l

Test species: Daphnia magna (Water flea) Duration of test: 48 h

Method: OECD Test Guideline 202

EC50 0.00017 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 48 h

Toxicity to algae:

Permethrin

EC50 0.5 mg/l

Duration of test: 72 h

Toxicity to bacteria:

Light mineral oil

EC50 > 10,000 mg/l

Biodegradability:

Permethrin

0 %, 28 d Not readily biodegradable.

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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****Sea transport (IMDG)****Non-Regulated****Air transport (ICAO / IATA cargo aircraft only)****Non-Regulated****Air transport (ICAO / IATA passenger and cargo aircraft)****Non-Regulated**

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**

Permethrin

Diflubenzuron

US. EPA CERCLA Hazardous Substances (40 CFR 302)Components

None

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists

Weight percent	Components	CAS-No.
3 - 7%	Permethrin	52645-53-1
3 - 7%	Diflubenzuron	35367-38-5

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

Weight percent	Components	CAS-No.
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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**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.