

SAFETY DATA SHEETS

This SDS packet was issued with item:

078925999

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078925998

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078911906

SAFETY DATA SHEET

122000008519

CLEAN-UP™ II POUR-ON INSECTICIDE WITH IGR

Version 3.1

Revision Date 01/06/2016

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

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

Use : Insect-repellent

Company

BAYER HEALTHCARE LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
UNITED STATES OF AMERICA
(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:** solution **Odour:** aromatic.

GHS Classification:

Eye irritation : Category 2
Carcinogenicity : Category 1B

GHS Label element:

Hazard pictograms :



Signal word : Danger

Hazard statements : H319 Causes serious eye irritation.
H350 May cause cancer.

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Precautionary statements : **Prevention:**
P201 Obtain special instructions before use.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.
Response:
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P391 Collect spillage.

Other hazards which do not result in classification:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
5%	Permethrin	52645-53-1
3%	Diflubenzuron	35367-38-5
2.75%	Silicon dioxide (amorphous)	112945-52-5
30%	Distillates(petroleum), solvent-refined light paraffinic	64741-89-5
30%	Distillates, (petroleum), solvent-refined heavy paraffinic	64741-88-4
30%	Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7

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.

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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 the release 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 spilled product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labeled, 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

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

Permethrin (52645-53-1)

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Alkoholethoxylat (68131-39-5)

Respiratory protection:

Recommended Filter type: Organic vapor with prefilter

None required for consumer use of this product.

Hand protection:

Chemically resistant gloves.

None required for consumer use of this product.

Eye protection:

Safety glasses

None required for consumer use of this product.

Other protective measures:

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	solution
Colour:	yellowish
Odour:	aromatic
Odour Threshold:	No applicable information is available
Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	0.915 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:	negligible
Water solubility:	No applicable information is available
pH:	No applicable information is available
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: Do not allow product to come in contact with:

Heat
Exposure to sunlight.

Materials to avoid: Strong acids

Hazardous reactions: No data available

Thermal decomposition:

No data available

Hazardous decomposition products:

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO₂)

Oxidizing properties:

No statements available.

Impact sensitivity:

No data available

11. TOXICOLOGICAL INFORMATION

Other information on toxicity:

Permethrin

Cutaneous sensations may occur, such as burning or stinging on the face and mucosae. However, these sensations cause no lesions and are of a transitory nature (max. 24 hours).

Acute oral toxicity:

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

The substance or mixture has no acute oral toxicity

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

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Sensitisation:

Result: Does not cause skin sensitisation.

Method: Buehler Test

Genotoxicity in vitro:

Silicon dioxide (amorphous)

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

Genotoxicity in vivo:

Silicon dioxide (amorphous)

Result: No indication of mutagenic effects.

Carcinogenicity:

Silicon dioxide (amorphous)

Result: No indication on the basis of the available data.

Pharmaceutic effects:

Permethrin

Insecticide

CMR Assessment:

Distillates(petroleum), solvent-refined light paraffinic

Carcinogenicity: May cause cancer.

Distillates, (petroleum), solvent-refined heavy paraffinic

Carcinogenicity: May cause cancer.

Distillates (petroleum), hydrotreated heavy paraffinic

Carcinogenicity: May cause cancer.

Carcinogenicity:

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

Experience with human exposure:**Components:****112945-52-5 :**

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.

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.

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Toxicity to fish:

Permethrin

LC50 0.0076 mg/l

Test species: *Poecilia reticulata* Duration of test: 48 h

Diflubenzuron

LC50 106.4 mg/l

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

LC50 64.8 mg/l

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

Silicon dioxide (amorphous)

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

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

Method: OECD 203

Toxicity to daphnia and other aquatic invertebrates:

Permethrin

EC50 37 µg/l

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

Method: OECD 202

EC50 0.00017 mg/l

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

Diflubenzuron

EC50 0.0026 mg/l

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

Silicon dioxide (amorphous)

EC50 > 10,000 mg/l

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

Method: OECD 202

Toxicity to algae:

Permethrin

EC50 0.5 mg/l

Duration of test: 72 h

Diflubenzuron

IC50 80 mg/l

tested on: *Selenastrum Capricornutum* (Green algae) Duration of test: 72 h**Biodegradability:**

Permethrin

0 %, 28 d Not rapidly biodegradable

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

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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. (PERMETHRIN)
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. (PERMETHRIN)
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**

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
1 - 5%	Diflubenzuron	35367-38-5

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

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

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.