

SAFETY DATA SHEETS

This SDS packet was issued with item:

078915103

N/A

SAFETY DATA SHEET
Co-Ral® Fly & Tick Spray

122000007053

Version 2.0

Revision Date 04/23/2015

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product information****Product Name:** Co-Ral® Fly & Tick Spray

SDS Number: 122000007053

Use : Pesticide**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****Colour:** brown **Form:** liquid **Odour:** solvent-like.**GHS Classification:****Acute toxicity (Oral)** : Category 3**Carcinogenicity** : Category 1B**GHS Label element:****Hazard pictograms** :**Signal word** : Danger**Hazard statements** : H301 Toxic if swallowed.
H350 May cause cancer.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Other hazards which do not result in classification:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients:

Weight percent	Components	CAS-No.
6.15%	Coumaphos Technical	56-72-4
50 - 100%	Catalytic reformer petroleum distillate	68477-31-6
10 - 30%	Naphthalene	91-20-3

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.

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: Sulphur oxides Oxides of phosphorus Chlorine gas Hydrogen chloride gas Carbon oxides

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.

Storage:

Storage temperature: < 95 °F (< 35 °C)
Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Naphthalene (91-20-3)

US. ACGIH Threshold Limit Values
Time Weighted Average (TWA): 10 ppm

US. ACGIH Threshold Limit Values
Short Term Exposure Limit (STEL): 15 ppm

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US. ACGIH Threshold Limit Values

Skin designation: Can be absorbed through the skin.

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 10 ppm, 50 mg/m³

US. NIOSH: Pocket Guide to Chemical Hazards

Short Term Exposure Limit (STEL): 15 ppm, 75 mg/m³

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

PEL: 10 ppm, 50 mg/m³

Coumaphos Technical (56-72-4)

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 0.05 mg/m³ (Inhalable fraction and vapor.)

US. ACGIH Threshold Limit Values

Skin designation: (Inhalable fraction and vapor.) Can be absorbed through the skin.

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.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Colour:	brown
Odour:	solvent-like
Odour Threshold:	No applicable information is available
Melting point:	-12 °C
Boiling point/boiling range:	No applicable information is available
Density:	1.02 g/cm ³ at 68 °F (20 °C)
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:	emulsifiable
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: No data available

Materials to avoid: Oxidizing agents
Bases

Hazardous reactions: No data available

Thermal decomposition:

No data available

Hazardous decomposition products:

Sulphur oxides, Oxides of phosphorus, Chlorine gas, Hydrogen chloride gas, Carbon oxides

Oxidizing properties:

No statements available.

Impact sensitivity:

No data available

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:

LD50 Rat : 395 mg/kg

Acute inhalation toxicity:

Rat: > 1.09 mg/l

Acute dermal toxicity:

LD50 Rabbit: > 3,000 mg/kg

Acute toxicity (other routes of administration):

Coumaphos Technical

LD50 intraperitoneal Rat: 7500 µg/kg

Skin irritation:

Result: Mild skin irritation

Eye irritation:

Result: Mild eye irritation

Sensitisation:

Coumaphos Technical
guinea pig

Result: Does not cause skin sensitisation.

Pharmaceutic effects:

Coumaphos Technical
Antiparasitic agent

CMR Assessment:

Naphthalene

Carcinogenicity: Suspected of causing cancer.

Carcinogenicity:

Naphthalene

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:

Coumaphos Technical
LC50 0.18 mg/l
Duration of test: 96 h

Toxicity to daphnia and other aquatic invertebrates:

Coumaphos Technical
EC50 0.000192 mg/l
Test species: Daphnia (water flea) Duration of test: 48 h

Toxicity to algae:

Coumaphos Technical
Cell multiplication inhibition test EbC50 0.2 mg/l
tested on: Desmodesmus subspicatus (green algae) Duration of test: 72 h

Cell multiplication inhibition test ErC50 0.61 mg/l
tested on: Desmodesmus subspicatus (green algae) Duration of test: 72 h

Cell multiplication inhibition test NOEbC 0.115 mg/l
tested on: Desmodesmus subspicatus (green algae)

Cell multiplication inhibition test NOErC 0.115 mg/l
tested on: Desmodesmus subspicatus (green algae)

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Biodegradability:

Coumaphos Technical

1 %, 28 d Not readily 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 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

Please note the classifications shown are for bulk shipments. Limited quantities or other exemptions may apply.

Land transport (CFR)

Proper shipping name: ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
Hazard Class or Division: 6.1
UN/NA Number: UN3018
Packaging group: III
Hazard Label(s): Toxic
Marine pollutant: Marine pollutant

US Sea transport (IMDG)

Proper shipping name: ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
Hazard Class or Division: 6.1
UN number: UN3018
Packaging group: III
Hazard Label(s): TOXIC
Marine pollutant: Marine pollutant

US Air transport (ICAO / IATA cargo aircraft only)

Proper shipping name: ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
Hazard Class or Division: 6.1
UN/ID Number: UN3018
Packaging group: III
Hazard Label(s): TOXIC
Marine pollutant: Marine pollutant

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

Proper shipping name: ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
Hazard Class or Division: 6.1
UN/ID Number: UN3018
Packaging group: III
Hazard Label(s): TOXIC
Marine pollutant: Marine pollutant

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International IATA

UN Number	3018
Description of the goods	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (COUMAPHOS)
Class	6.1
Packaging group	III
Dangerous goods labels	6.1
Environmentally hazardous	yes

International IMDG

UN Number	3018
Description of the goods	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (COUMAPHOS)
Class	6.1
Packaging group	III
IMDG-Labels	6.1
Marine pollutant	yes

15. REGULATORY INFORMATION

Other regulations: No statements available.

FIFRA Status This product is registered with the EPA under FIFRA.

US. Toxic Substances Control Act This product is excluded from TSCA Regulation under FIFRA Section 3 (2)(B)(ii) when used as a pesticide.

Reportable Quantity 73.8 kg

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

Coumaphos Technical

SARA Section 311/312 Hazard Categories Immediate Health Hazard, Delayed Health Hazard, Fire Hazard

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

Naphthalene

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

Coumaphos Technical	Reportable quantity: 10 lbs
Naphthalene	Reportable quantity: 100 lbs

Marine pollutant Components

Coumaphos Technical Severe marine pollutant.

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Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists

Weight percent	Components	CAS-No.
5 - 10%	Coumaphos Technical	56-72-4
10 - 30%	Naphthalene	91-20-3

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

Weight percent	Components	CAS-No.
5 - 10%	Coumaphos Technical	56-72-4
0.1 - 1%	Tradesecret	
10 - 30%	Naphthalene	91-20-3

California Prop. 65

Weight percent	Components	CAS-No.
<0.001%		
10 - 30%	Naphthalene	91-20-3

OSHA Hazcom Standard Rating Hazardous

16. OTHER INFORMATION

NFPA 704M Rating

Health	3
Flammability	2
Reactivity	0
Other	0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

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.

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

Product information

Product Name: Co-Ral® Fly & Tick Spray
SDS Number: 122000007053

Use : Pesticide

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

Classification of the substance or mixture

Classification according to national GHS implementation:

Acute toxicity, Oral, Category 3 (H301)
Carcinogenicity, Category 1B (H350)
Acute toxicity, Oral, Category 4 (H302)
Serious eye irritation, Category 2B (H320)
Carcinogenicity, Category 2 (H351)

Label elements

Labelling according to national GHS implementation:



Warning

Hazard statements:

H302 Harmful if swallowed.
H320 Causes eye irritation.
H351 Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Precautionary statements:

Prevention:
P201 Obtain special instructions before use.

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P202 Do not handle until all safety precautions have been read and understood.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

Hazardous components which must be listed on the label:

Components:	CAS-No.
Naphthalene	91-20-3
Coumaphos Technical	56-72-4

Other hazards

Other hazards which do not result in classification:
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Hazardous components

Naphthalene

Concentration [Weight percent] 17.795

CAS-No.: 91-20-3

CAS name: Naphthalene

GHS Classification:



Acute Tox. 4 H302

Carc. 2 H351

Coumaphos Technical

Concentration [Weight percent] 6.15

CAS-No.: 56-72-4

CAS name: Phosphorothioic acid, O-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) O,O-diethyl ester

GHS Classification:



Acute Tox. 2 H300

Acute Tox. 3 H311

M-Factor: 1,000

For the full text of the H-Statements mentioned in this Section, see Section 16.

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4. FIRST AID MEASURES

Description of 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 acute symptoms/effects

Symptoms: No information available.

Risks: No information available.

Indication of any immediate medical attention and special treatment needed

No information available.

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: High volume water jet

Special hazards arising from the substance or mixture

Specific hazards during firefighting: Fire may cause evolution of: Sulphur oxides Oxides of phosphorus Chlorine gas Hydrogen chloride gas Carbon oxides

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Environmental precautions

Methods and materials for containment and cleaning up

Methods for cleaning up: Cover spilled product with liquid-binding material (sand, silica gel, acid

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binder, universal binder, hybilat). Take up mechanically and fill into labeled, closable containers.

Reference to other sections

Additional advice: No special precautions required.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling:

Avoid formation of aerosol. Use with local exhaust ventilation. Avoid contact with skin, eyes and clothing.

No special protective measures against fire required.

Conditions for safe storage, including any incompatibilities

Storage temperature: < 35 °C

Do not freeze.

Specific end use(s)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Naphthalene	91-20-3	TWA	10 ppm	ACGIH
		TWA	10 ppm 50 mg/m3	NIOSH REL
		ST	15 ppm 75 mg/m3	NIOSH REL
		TWA	10 ppm 50 mg/m3	OSHA Z-1
		TWA	10 ppm 50 mg/m3	OSHA P0
		STEL	15 ppm 75 mg/m3	OSHA P0
Coumaphos Technical	56-72-4	TWA (Inhalable fraction and vapor)	0.05 mg/m3	ACGIH

Personal protective equipment

Respiratory protection : Recommended Filter type:
Organic vapor with prefilter

None required for consumer use of this product.

Hand protection

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Material	:	Chemically resistant gloves.
Remarks	:	None required for consumer use of this product.
Eye protection	:	Safety glasses None required for consumer use of this product.
Protective measures	:	Wear suitable protective equipment. Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:	liquid
Colour:	brown
Odour:	solvent-like
Melting point/range:	-12 °C
Boiling point/boiling range:	No statements available.
Density:	1.02 g/cm ³ at 20 °C
Bulk density:	Not applicable
Vapour pressure:	No statements available.
Viscosity, dynamic:	No statements available.
Viscosity, kinematic:	No statements available.
Flow time:	No statements available.
Surface tension:	No statements available.
Water solubility:	No statements available.
Solubility(ies):	No statements available.
pH:	No statements available.
Corrosive to metal:	No statements available.
Partition coefficient (n-octanol/water):	No statements available.
Auto-flammability:	No statements available.
Flash point:	No statements available.
Inflammability (solid, gaseous):	Not applicable
Explosion limits:	No statements available.

Other information

Miscibility with water:	emulsifiable
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10. STABILITY AND REACTIVITY

Reactivity

No statements available.

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Reactions with water / air:

No statements available.

Ignition temperature:

Coumaphos Technical

330 °C

Burning number:

Coumaphos Technical

2 at ca. 20 °C Method: VDI 3673 brief ignition and rapid extinction

5 at 100 °C Burning with flames or flying sparks.

fire spread velocity > 45 s/10 cm (EEC Method A.10)

Chemical stability

No statements available.

Thermal decomposition:

No data available

Dust explosion characteristic number:

Not applicable

Dust explosion class:

Not applicable

Impact sensitivity:

No data available

Hazardous reactions:

No data available

Explosive properties:

No statements available.

Possibility of hazardous reactions

deflagration ability:

No statements available.

Smoldering combustion:

No statements available.

Conditions to avoid

No data available

Minimum ignition energy:

No data available

Oxidizing properties:

No statements available.

Incompatible materials

Materials to avoid:

Oxidizing agents

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Bases

Hazardous decomposition products

Sulphur oxides, Oxides of phosphorus, Chlorine gas, Hydrogen chloride gas, Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : LD50 (Rat): 395 mg/kg

Acute inhalation toxicity : (Rat): > 1.09 mg/l

Acute dermal toxicity : LD50 (Rabbit): > 3,000 mg/kg

Components:

Naphthalene:

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

Coumaphos Technical:

Acute oral toxicity : LD50 (Rat): 13 mg/kg
Assessment: The component/mixture is highly toxic after single ingestion.

Acute dermal toxicity : LD50 (Rat): 860 mg/kg
Assessment: The component/mixture is toxic after single contact with skin.

Acute toxicity (other routes of administration) : LD50 (Rat): 7500 µg/kg
Application Route: intraperitoneal

Skin corrosion/irritation

Product:

Result: Mild skin irritation

Components:

Coumaphos Technical:

Species: Rabbit

Result: No skin irritation

Serious eye damage/eye irritation

Product:

Result: Mild eye irritation

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Components:

Coumaphos Technical:

Species: Rabbit

Result: No eye irritation

Respiratory or skin sensitisation

Components:

Coumaphos Technical:

Species: Guinea pig

Result: Does not cause skin sensitisation.

Carcinogenicity

Components:

Naphthalene:

Carcinogenicity - Assessment : Limited evidence of a carcinogenic effect.

IARC

Group 2B: Possibly carcinogenic to humans

Naphthalene 91-20-3

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

Reasonably anticipated to be a human carcinogen

Naphthalene 91-20-3

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Naphthalene:

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Coumaphos Technical:

Toxicity to fish : LC50: 0.18 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 0.000192 mg/l
Exposure time: 48 h

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Toxicity to algae : EbC50 (Desmodesmus subspicatus (green algae)): 0.2 mg/l
Exposure time: 72 h
Test Type: Cell multiplication inhibition test

ErC50 (Desmodesmus subspicatus (green algae)): 0.61 mg/l
Exposure time: 72 h
Test Type: Cell multiplication inhibition test

NOEbC (Desmodesmus subspicatus (green algae)): 0.115 mg/l
Test Type: Cell multiplication inhibition test

NOErC (Desmodesmus subspicatus (green algae)): 0.115 mg/l
Test Type: Cell multiplication inhibition test

M-Factor (Acute aquatic toxicity) : **1,000**

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Persistence and degradability**Components:****Coumaphos Technical:**

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 1 %
Exposure time: 28 d

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : Do not allow to enter surface waters or groundwater.

Components:**Coumaphos Technical:**

Adsorbed organic bound halogens (AOX) : Remarks: The product contains organic halogens.

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13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : 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)

14. TRANSPORT INFORMATION

Please note that limited quantities, consumer commodity regulations or other exemptions may apply.

Land transport (CFR)

Proper shipping name: ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
Hazard Class or Division: 6.1
UN/NA Number 3018
Packaging group III
Hazard Label(s): Toxic
Marine pollutant: Marine pollutant

Sea transport (IMDG)

UN Number 3018
Description of the goods ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (COUMAPHOS)
Class 6.1
Packaging group III
IMDG-Labels 6.1
Marine pollutant yes

Air transport (IATA)

UN Number 3018
Description of the goods ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (COUMAPHOS)
Class 6.1
Packaging group III
Dangerous goods labels 6.1
Environmentally hazardous yes

15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

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Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Coumaphos Technical	56-72-4	10	162
n-Butanol	71-36-3	100	100 (F003)

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Coumaphos Technical	56-72-4	10	162

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

Components	CAS-No.	Component TPQ (lbs)
Coumaphos Technical	56-72-4	10000

SARA 311/312 Hazards : Immediate Health Hazard
 Delayed Health Hazard
 Fire Hazard
 Carcinogenicity
 Acute toxicity (any route of exposure)
 Serious eye damage or eye irritation

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Naphthalene 91-20-3 17.795 %

US State Regulations

Massachusetts Right To Know

Naphthalene 91-20-3
 Coumaphos Technical 56-72-4

Pennsylvania Right To Know

Distillates (petroleum), catalytic reformer fractionator residue, low-boiling 68477-31-6
 Naphthalene 91-20-3
 Coumaphos Technical 56-72-4
 n-Butanol 71-36-3
 1,2,4-trimethylbenzene 95-63-6

New York City Hazardous Substances

Distillates (petroleum), catalytic reformer fractionator residue, low-boiling 68477-31-6
 Naphthalene 91-20-3
 Coumaphos Technical 56-72-4
 n-Butanol 71-36-3
 Solvent naphtha (petroleum), heavy aromatic 64742-94-5
 1,2,4-trimethylbenzene 95-63-6
 ethylene oxide 75-21-8

California Prop. 65

WARNING: This product can expose you to chemicals including Naphthalene, ethylene oxide, which is/are known to the State of California to cause cancer, and ethylene oxide, which is/are known to the

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Co-Ral® Fly & Tick Spray

Version 3.0

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State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances

Naphthalene	91-20-3
Coumaphos Technical	56-72-4

California Permissible Exposure Limits for Chemical Contaminants

Naphthalene	91-20-3
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The components of this product are reported in the following inventories:

TSCA : Not On TSCA Inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

16. OTHER INFORMATION

Full text of H-Statements mentioned in chapters 2 and 3

H300	Fatal if swallowed.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H320	Causes eye irritation.
H350	May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H351	Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the 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.