



# SAFETY DATA SHEET

## Co-Ral 1% Livestock Dust

122000009527

Version 4.1

Revision Date 02/05/2015

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

#### Product information

**Product Name:** Co-Ral 1% Livestock Dust  
**MSDS Number:** 122000009527

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

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

**Colour:** white

#### GHS Classification:

**Acute toxicity (Oral)** : Category 4

#### GHS Label element:

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : H302 Harmful if swallowed.

**Precautionary statements** : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

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P273 Avoid release to the environment.

### Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

### Disposal:

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

### Other hazards which do not result in classification:

None known.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Weight percent	Components	CAS-No.
1%	Coumaphos Technical	56-72-4

Other Ingredients Weight percent	Components	CAS-No.
99%	Calcium carbonate	471-34-1

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## 4. FIRST AID MEASURES

**General advice:** Take off all contaminated clothing immediately.

**If inhaled:** Remove to fresh air. If symptoms persist, call a physician.

**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

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## 5. FIREFIGHTING MEASURES

**Suitable extinguishing media:** Any

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**Specific hazards during firefighting:** Fire may cause evolution of: Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)

**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.

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Methods for cleaning up:** Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

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### 7. HANDLING AND STORAGE

**Handling:**

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

No special protective measures against fire required.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Coumaphos Technical (56-72-4)**

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 0.05 mg/m<sup>3</sup> (Inhalable fraction and vapor.)

US. ACGIH Threshold Limit Values

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

**Calcium carbonate (471-34-1)**

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 10 mg/m<sup>3</sup> (Total)

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 5 mg/m<sup>3</sup> (Respirable.)

**Respiratory protection:**

Recommended Filter type: HEPA

**Hand protection:**

Chemically resistant gloves.

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### Eye protection:

Safety glasses

### Other protective measures:

Wear suitable protective equipment.

Please consult label for end-user requirements.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	No applicable information is available
Colour:	white
Odour:	No applicable information is available
Odour Threshold:	No applicable information is available
Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	No applicable information is available
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:	No applicable information is available
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

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## 10. STABILITY AND REACTIVITY

**Conditions to avoid:** No data available

**Materials to avoid:** Oxidizing agents

**Hazardous reactions:** No data available

### Thermal decomposition:

No data available

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**Hazardous decomposition products:**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**Oxidizing properties:**

No statements available.

**Impact sensitivity:**

No data available

**Further information:** The following applies in general to flammable organic substances and preparations: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

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## 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity:**

Acute toxicity estimate (ATE) 1,300 mg/kg

Harmful if swallowed.

Method: Calculation method

Calculated for GHS Classification and Labelling.

**Acute inhalation toxicity:**

Coumaphos Technical

Rat: 0.34 - 1.08 mg/l, 1 h

**Acute dermal toxicity:**

Acute toxicity estimate (ATE) > 5,000 mg/kg

The substance or mixture has no acute dermal toxicity

Method: Calculation method

Calculated for GHS Classification and Labelling.

**Acute toxicity (other routes of administration):**

Coumaphos Technical

LD<sub>50</sub> intraperitoneal Rat: 7500 µg/kg

**Skin irritation:**

Coumaphos Technical

Rabbit

Result: Mild skin irritation

**Eye irritation:**

Coumaphos Technical

Rabbit

Result: Mild eye irritation

**Sensitisation:**

Coumaphos Technical

guinea pig

Result: Does not cause skin sensitisation.

**Pharmaceutic effects:**

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Coumaphos Technical  
Antiparasitic agent

### **Carcinogenicity:**

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

### **STOT - single exposure:**

No data available

### **STOT - repeated exposure:**

No data available

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## 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)

### **Biodegradability:**

Coumaphos Technical  
1 %, 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)

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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:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains COUMAPHOS)  
**Hazard Class or Division:** 9  
**UN/NA Number:** UN3077  
**Packaging group:** III  
**Hazard Label(s):** Class 9  
**Marine pollutant:** Marine pollutant

#### US Sea transport (IMDG)

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains COUMAPHOS)  
**Hazard Class or Division:** 9  
**UN number:** UN3077  
**Packaging group:** III  
**Hazard Label(s):** MISCELLANEOUS  
**Marine pollutant:** Marine pollutant

#### US Air transport (ICAO / IATA cargo aircraft only)

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains COUMAPHOS)  
**Hazard Class or Division:** 9  
**UN/ID Number:** UN3077  
**Packaging group:** III  
**Hazard Label(s):** MISCELLANEOUS  
**Marine pollutant:** Marine pollutant

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

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains COUMAPHOS)  
**Hazard Class or Division:** 9  
**UN/ID Number:** UN3077  
**Packaging group:** III  
**Hazard Label(s):** MISCELLANEOUS  
**Marine pollutant:** Marine pollutant

International IATA  
IMDG

**non-regulated**  
non-regulated

### 15. REGULATORY INFORMATION

**Other regulations:** No statements available.

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**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

**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**

Coumaphos Technical

Reportable quantity: 10 lbs

**Marine pollutant Components**

Coumaphos Technical

Severe marine pollutant.

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists**

**Weight percent**

**Components**

**CAS-No.**

1 - 5%

Coumaphos Technical

56-72-4

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

**Weight percent**

**Components**

**CAS-No.**

1 - 5%

Coumaphos Technical

56-72-4

**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

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**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.