



Material Safety Data Sheet
ISO/DIS 11014 / 29 CFR 1910.1200 / ANSI Z400.1

Printing date 10/25/2007

Reviewed on 10/25/2007

1 Identification of substance

- **Product details**
- **Trade name:** Eprinomectin
EPRINEX Pour-On for Cattle
- **Item number:** 30250-30253
- **Manufacturer/Supplier:**
Merial Limited
3239 Satellite Blvd.
Duluth, Ga. 30096-4640
1-888-MERIAL 1 (1-888-637-4251)
- **Emergency information:**
Spill Information:
CHEMTREC® 1-800-424-9300
CHEMTREC® International 1+703-527-3887
International calls 011+703-527-3887
Reverse charges.

2 Composition/Data on components

- **Chemical characterization**

- **Components:**

	Non hazardous inert ingredients		99.5 %
133305-88-1	Eprinomectin		0.5%

- **Additional information:** Used for the treatment of cattle.

3 Hazards identification

- **Hazard description:** Not applicable.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and from company and regulatory data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

4 First aid measures

- **General information:** No special measures required.

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- **After inhalation:** *If breathing is difficult, give oxygen. If not breathing, give artificial respiration.*
- **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*
- **After eye contact:**
Rinse opened eye for a minimum of 15 minutes under running water. Get medical attention immediately.
- **After swallowing:** *If symptoms occur consult doctor.*

5 Fire fighting measures

- **Suitable extinguishing agents:** *Use appropriate media for underlying fire.*
- **Protective equipment:**
Fire fighters should wear self-contained breathing apparatus and full protective equipment.
Self-contained breathing apparatus and full protective equipment.

6 Accidental release measures

- **Measures for environmental protection:** *Do not allow product to reach sewage system or any water course.*
- **Measures for cleaning/collecting:** *Dispose of contaminated material as waste according to section XIII.*

7 Handling and storage

- **Handling:**
- **Information for safe handling:** *No special measures required.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *Store only in the original container.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**
- **Recommended storage temperature:** *<40°C*

8 Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Do not eat, drink, smoke or inhale.
Do not store food in the working area.
- **Breathing equipment:** *If in particulate form, MSHA-NIOSH approved respirator for dust.*
- **Protection of hands:**



Rubber or other impervious gloves

- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**



Safety goggles.

· **Body protection:** *Not required under normal conditions of use.*

9 Physical and chemical properties

· **General Information**

Form: *Liquid*
Color: *Colorless to Yellow*
Odor: *Odorless*

· **Change in condition**

Melting point/Melting range: *Undetermined.*
Boiling point/Boiling range: *Undetermined.*

· **Flash point:** *220°C (428°F)*

· **Auto igniting:** *Product is not self-igniting.*

· **Danger of explosion:** *Product does not present an explosion hazard.*

· **Specific gravity:** *Not determined.*

· **Solubility in / Miscibility with** *water soluble*

· **Solvent content:** *0 %*

· **Organic solvents:** *0.0 %*

· **Solids content:** *0.5 %*

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Dangerous reactions** *No dangerous reactions known.*
- **Dangerous products of decomposition:** *No dangerous decomposition products known.*

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

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Oral	LD50	70 mg/kg (mouse)
		55 mg/kg (rat)

· **Primary irritant effect:**

- **on the skin:** *No irritating effect known.*
- **Sensitization:** *No sensitizing effects known.*

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· Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

· Ecotoxicological effects:

· Aquatic toxicity:

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LC50 / 48 hrs 0.45 ppb (*Daphnia magna*)

LC50 / 96hrs 1.2 ppb (*Rainbow Trout*)

· General notes: *The material is harmful to the environment.*

13 Disposal considerations

· Product:

· Recommendation: *Disposal must be made according to official regulations.*

· Uncleaned packagings:

· Recommendation: *Disposal must be made according to official regulations.*

14 Transport information

· DOT regulations:

· Proper shipping name (technical name): *Not Regulated*

· Land transport ADR/RID (cross-border):

· UN-Number: 3082

· Packaging group: III

· Proper shipping name: *Environmentally Hazardous Substance, liquid, n.o.s. (eprinomectin),*

· Maritime transport IMDG:

· Proper shipping name: *Not Regulated*

· Air transport ICAO-TI and IATA-DGR:

· Proper shipping name: *Not Regulated*

15 Regulations

· SARA

· Section 355 (extremely hazardous substances):

None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

· TSCA (Toxic Substances Control Act):

None of the ingredients are listed.

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· **CA Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenesis potential categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Product related hazard informations:** Observe the general safety regulations when handling chemicals.

· **Hazard-determining components of labelling:**

Eprinomectin

· **Safety phrases:**

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

· **Water hazard class:** Generally not hazardous for water.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Contact:** MSDS Coordinator, msds@merial.com