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Material Safety Data Sheet

ISO/DIS 11014 / 29 CFR 1910.1200 / ANSI Z400.1

Printing date 02/22/2010

Reviewed on 02/22/2010

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:
Emergency Information: CHEMTREC International 1 + 703-527-3887
Collect calls accepted
- 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	T, N; R 25-48-50 Danger: 3.1.O/3 Warning: 4.1.A/1	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

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· *GHS label elements Void*

4 First aid measures

· *After inhalation: No emergency procedures are necessary.*

5 Fire fighting measures

- *Suitable extinguishing agents: Use appropriate extinguishing media for underlying fire.*
- *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 13.*

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:**
- *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.

9 Physical and chemical properties

· General Information

Form:	Liquid
Color:	Colorless to Yellow
Odor:	No odor

· Change in condition

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

· Flash point: 116°C (241°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)

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:**

· **Hazard class:** Not Regulated

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

· **ADR/RID class:** 9 Miscellaneous dangerous substances and articles

· **UN-Number:** 3082

· **Packaging group:** III

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

· **Maritime transport IMDG:**

· **IMDG Class:** 9

· **UN Number:** 3082

· **Packaging group:** III

· **Marine pollutant:** Yes

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

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** 9

· **UN/ID Number:** 3082

· **Packing group:** III

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

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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.

· **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:**

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

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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

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

USA