


# SAFETY DATA SHEET

## Spectrazol Milking Cow®

### Section 1: Identification of the Substance and Supplier

<b>Product name</b>	<b>Spectrazol Milking Cow</b>
<b>Recommended use</b>	For treatment of clinical mastitis in lactating cows
<b>Company details</b>	<b>Schering-Plough Animal Health Ltd</b> <b>33 Whakatiki Street, Upper Hutt 5018, New Zealand</b>  Phone: 0800 800 543 – Fax: 0800 808 100 Website: <a href="http://www.msd-animal-health.co.nz">www.msd-animal-health.co.nz</a> Hours: 8 am – 5 pm, Mon – Fri
<b>Emergency telephone</b>	<b>0800 764 766 (0800 POISON) 24 hours human health</b> <b>0800 243 622 (0800 CHEMCALL) 24 hours</b>
<b>Date of preparation</b>	April 2019

### Section 2: Hazards Identification

<b>Hazard classifications</b>	6.3B: Skin irritant 6.5B: Contact sensitiser
<b>GHS Pictogram:</b>	
<b>Signal word</b>	Warning
<b>Hazard statement</b>	H316: Causes mild skin irritation. H317: May cause an allergic skin reaction.
<b>Prevention statement</b>	P102: Keep out of the reach of children. P103: Read label before use. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves. P261: Avoid breathing mist.
<b>Response statement</b>	P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P321: See first aid instruction on the label of the product. P333 + P313: If skin irritation or rash occurs: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse.
<b>Disposal</b>	P501: Dispose of product, packaging and waste at an approved landfill or other approved facility.

### Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Cefuroxime sodium	56238-63-2	9.22%

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## Section 4: First Aid Measures

**Necessary first aid measures**

**SKIN CONTACT** While wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

**EYE CONTACT** Immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

**INGESTION** Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

**INHALATION** Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

**Required instructions**

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

**Notes for medical personnel**

Cefuroxime sodium is a cephalosporin. Cephalosporins may cause hypersensitivity reactions including anaphylaxis, skin rashes, fever, or skin rashes in susceptible individuals. Contact dermatitis developed in nurses exposed to a similar cephalosporin, and another cephalosporin may have caused a photosensitization reaction. Ingestion of cephalosporins may produce gastrointestinal effects including nausea, vomiting, or diarrhoea. Other effects that may occur include headache, confusion, restlessness, agitation, ringing in the ears, muscle incoordination, double vision, decreased white blood cells, platelets, and red blood cell counts, or kidney effects. Cefuroxime sodium readily crosses the placenta and into human breast milk in small amounts.

**Workplace facilities**

Emergency showers and eyewashes may be warranted depending on quantity and type of use.

## Section 5: Fire Fighting Measures

**Type of hazard**

Not classified as flammable

**Fire hazard properties**

Not applicable

**Regulatory requirements**

Not applicable

**Extinguishing media and methods**

Carbon dioxide (CO<sub>2</sub>), extinguishing powder or water spray.

**Hazchem code**

Not applicable

**Recommended protective clothing**

Wear full protective clothing and self-contained breathing apparatus (SCBA).

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### Section 6: Accidental Release Measures

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental Precautions</b>	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
<b>Emergency procedures</b>	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.

### Section 7: Handling and Storage

<b>Precautions for safe handling</b>	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
<b>Regulatory requirements</b>	Emergency Plan required where quantities greater than 1000 L are present.
<b>Handling practices</b>	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
<b>Certified handlers</b>	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
<b>Conditions for safe storage</b>	Store in original container in a cool, dry, ventilated place. Keep container sealed when not in use. Keep out of reach of children.
<b>Store site requirements</b>	Store below 25°C. DO NOT REFRIGERATE.
<b>Packaging</b>	PG III

### Section 8: Exposure Control/Personal Protection

<b>Occupational exposure limits</b>	No WES is set for this substance at this time.
<b>Application in the workplace</b>	Ensure adequate ventilation. Keep container sealed when not in use.
<b>Exposure standards outside the workplace</b>	No TEL is set for this substance at this time. No EEL is set for this substance at this time.
<b>Personal protection</b>	Wear chemical resistant gloves, facemask or goggles.
<b>Engineering controls</b>	The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

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## Section 9: Physical and Chemical Properties

Appearance	A smooth white to cream suspension.
Boiling Point	Not determined
Melting/Softening point	Not applicable
Vapour Pressure	Not determined
Specific Gravity	Not determined
Solubility (H <sub>2</sub> O)	Insoluble
Percent Volatiles	Not determined

## Section 10: Stability and Reactivity

<b>Stability of the substance</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Extremes of temperature. Direct light.
<b>Material to avoid</b>	Avoid food products
<b>Hazardous decomposition products</b>	No dangerous decomposition is expected if used according to manufacturer's specifications.

## Section 11: Toxicological Information

## Acute effects for individual ingredients only

ORAL	Cefuroxime sodium: Oral LD50 >10,000 mg/kg (rats), LD50 >10,000 mg/kg (mouse).
TEL	No TEL is set for this substance at this time.

## Chronic effects for individual ingredients only

Cefuroxime sodium is not teratogenic in mice and rabbits. Rabbits given dosages of up to 150 mg/kg intravenously and subcutaneously on gestation days 6-18 had no adverse effects on the foetuses. Mice given dosages up to 3200 mg/kg/day showed no inhibition of fertility or foetal harm.

Cefuroxime sodium: Negative in mouse lymphoma assay and multiple bacterial mutation tests (Ames), Positive in in-vitro chromosome aberration, negative in in-vivo micronucleus test.

## Section 12: Environmental Information

## Effects for active ingredient only

EEL	No EEL is set for this substance at this time.
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### Section 13: Disposal Considerations

**Disposal information**

**Disposal**

Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container

**Container Disposal**

Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.

**Reference**

Current version of NZS 8409 Management of Agrichemicals

### Section 14: Transport Information

**Relevant information**

Not classified as a dangerous good for transport

### Section 15: Regulatory Information

**Regulatory status**

HSNO Approval Code: HSR002277  
For full listings of controls see [www.epa.govt.nz](http://www.epa.govt.nz)

ACVM Registration No: A005270  
For conditions of registration see [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz)

**RESTRICTED VETERINARY MEDICINE**

### Section 16: Other Information

**Additional information**

Spectrazol is a registered trademark.

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