



MATERIAL SAFETY DATA SHEET
Comfortis Chewable Tablets
140 mg, 270 mg, 560 mg, 810 mg, 1620 mg

Revision 2 Date 20 October 2010

Company Name and Address:

Elanco Animal Health
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Contact Numbers:

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Emergency Telephone Numbers:

Elanco Animal Health:
1800 995 709 (Toll free) – Australian Eastern Time business hours only
OR
Poisons Information Centre:
131126 (Australia-wide)

CHEMWATCH 1800 039 008 (24 hour emergency contact number for spills & accidents)

Section 1 - Identification

Product Name: Comfortis® (spinosad) Chewable Tablets for Dogs

Other Names: Comfortis Chewable Tablets

Manufacturer's Product Code: CA4222 (Comfortis 140 mg), CA 4223 (Comfortis 270 mg), CA4224 (Comfortis 560 mg), CA4225 (Comfortis 810 mg), CA4227 (Comfortis 1620 mg)

UN Number: None allocated for transport by road and rail

Dangerous Goods Class/Subsidiary Risk: None allocated for transport by road and rail.

Hazchem Code: 2X

Poisons Schedule Number: Schedule 5

Pack Size and Container Type: Blister packs of 6 tablets

Major Recommended Uses: For the treatment, prevention and control of flea infestations. For the control of flea allergy dermatitis

Major Recommended Method of Application: Oral (tablets)

Section 2 - Hazards Identification

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to criteria of Worksafe Australia

**Not classified as Dangerous Goods for transport by road and rail
according to the criteria of ADG 7**

May irritate the eyes, throat, nose and skin

Safety Phrases:

S2 Keep out of reach of children
S22 Do not breathe dust
S24/25 Avoid contact with skin and eyes

Section 3 - Composition / Information on Ingredients

<u>Ingredient</u>	<u>CAS</u>	<u>Concentration</u>
Spinosad containing	168316-95-8	57-60%
Spinosyn A	131929-60-7	
Spinosyn D	131929-63-0	
Other ingredients not individually contributing to hazard		40-43%

Section 4 - First Aid Measures

Inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice if you feel unwell.

Skin contact: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: If conscious, give the victim plenty of water to drink. Never give anything by mouth to an unconscious person. Immediately call a Poisons Information Centre or doctor.

**If poisoning occurs, contact a doctor or Poisons Information Centre.
Phone 13 11 26.**

Section 5 - Fire Fighting Measures

Flash Point:	Not applicable.
Lower Explosion Limit:	No data available.
Upper Explosion Limit:	No data available.
Suitable extinguishing media:	Water, carbon dioxide, dry chemical.
Hazards from combustion products:	May produce irritating, toxic or asphyxiating gases in fire.
Precautions for fire fighters:	Wear positive-pressure, self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (including fire-fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.
HAZCHEM code:	2X

Section 6 - Accidental Release Measures

Emergency Procedures:	Prevent spilt material from entering drains, sewers, ponds, lakes, streams or other watercourses. Sweep or vacuum material with appropriate dust collection filter in place. Wear protective equipment, including eye protection, to avoid exposure. Collect recovered material in labelled containers for disposal in accordance with local regulations.
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Section 7 - Handling and Storage

Requirements for storage areas and containers:	Store below 25°C in original container and protect from light.
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Section 8 - Exposure Controls / Personal Protection

Exposure Guideline:	Spinosad: Manufacturer recommends TWA 0.3 mg/m ³ .
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In a manufacturing setting, Engineering measures: Laboratory fume hood or local exhaust ventilation.

Product use, natural ventilation normally adequate.

Personal protective equipment (manufacturing setting):

Respiratory protection:	Use an approved respirator fitted with a dust cartridge.
Eye protection:	Safety glasses or face shield.
Skin and body protection:	In manufacturing environment, wear chemical resistant gloves when handling product.

Section 9 - Physical and Chemical Properties

Appearance:

Form:	Tablet
Physical state:	Solid
Colour:	Tan to brown
Odour:	Roast beef and liver

Safety Data:

Flash point:	Not applicable
Lower explosion limit:	No data available
Upper explosion limit:	No data available

Section 10 - Stability and Reactivity

Materials to avoid:	Strong oxidising agents
Hazardous decomposition products:	May produce irritating, toxic and asphyxiating gases in fire
Thermal decomposition:	Stable under normal conditions
Hazardous reactions:	Hazardous polymerisation not known to occur

Section 11 - Toxicological Information

Oral (Spinosad):	LD50 >7,500 mg/kg (male rat). LD50 >5,000 mg/kg (female rat). LDLo >400 mg/kg (dog).
Inhalation (Spinosad):	LC50 >5,180 mg/m ³ 4 hr (rat).
Dermal (Spinosad):	LD50 >5,000 mg/kg (rabbit).
Skin Irritation (Spinosad):	No irritation (rabbit).
Eye Irritation (Spinosad):	Slight irritation (rabbit).
Sensitisation (Spinosad):	Not a sensitiser (Guinea pig).
Repeated dose toxicity:	In animals spinosad has been shown to cause vacuolation of cells in liver, kidney and bone tissues and changes in blood and serum biochemistry. Dose levels producing these effects were many times higher than any dose levels expected from exposure due to use.
Carcinogenicity:	Not classified as a carcinogen.
Reproductive toxicity:	Effects not observed at doses below those causing significant toxicity to the parent animals
Mutagenicity:	Not classified as a mutagen

Section 12 - Ecological Information

Fish (Spinosa): LC50 5.94 mg/L 96 hr (*Lepomis macrochirus*)
Algae: EC50 0.107 mg/L (*Navicula* sp.)
Crustaceans: EC50 92.7 mg/L 48 hr (*Daphnia magna*)
Formulated product classified as environmentally hazardous and a marine pollutant

Section 13 - Disposal Considerations

Disposal: Dispose of empty containers by wrapping with paper and putting in the garbage.

Section 14 - Transport Information

Road and Rail Transport: Not classified as Dangerous Goods for Transport by Road and Rail

Marine Transport: Classified as Dangerous Goods for Marine Transport

Proper Shipping Name: ENVIRONMENTAL HAZARDOUS
SUBSTANCE, SOLID, N.O.S.
UN Number: 3077
Class: 9
Packing Group: III
Subsidiary Risk: None allocated.

Section 15 - Regulatory Information

Poison Scheduling: 5
APVMA Registration No: 62644

Section 16 - Other Information

Sections revised:

Section 2 – Hazards Identification, Section 4 – First Aid, Section 5 – Fire Fighting Measures, Section 6 – Accidental Release Measures, Section 8 – Exposure Controls / Personal Protection, Section 10 – Stability and Reactivity
Section 11 – Toxicological Information, Section 12 – Ecological Information
Section 13 – Disposal Considerations, Section 14 - Transport Information
Section 14 – Regulatory Information

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