



Product Name: CAPSTAR® Tablets for Cats and Small Dogs

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Date of issue: July 2008

## MATERIAL SAFETY DATA SHEET

### Section 1 - Identification of Chemical Product and Company

#### COMPANY DETAILS:

Novartis Animal Health Australasia Pty Limited  
A.C.N. 076 745 198  
54 Waterloo Road  
North Ryde NSW 2113

Phone: (02) 9805 3555  
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**Product Name:** CAPSTAR® Tablets for Cats and Small Dogs  
**Active Ingredients:** Nitenpyram  
**Product Use:** For the fast knockdown of adult fleas on dogs and cats weighing between 0.5 - 11kg.  
**Creation Date:** July 2003  
**Revision Date:** July 2008

### Section 2 Hazards Identification

**Hazard classification:** Non Hazardous Substance (NOHSC criteria)  
**Safety Phrases:** None  
**SUSDP Classification:** Exempt  
**UN Number:** None Allocated

### Section 3 Composition / Information on Ingredients

Ingredients	CAS No.	Content (mg/tablet)
Nitenpyram	[120738-89-8]	11.4
Other ingredients determined not to be hazardous		to 100

This is a commercial product whose exact ratio of components may vary slightly.

### Section 4 First Aid Measures

**Label regulated First Aid Statement:** If poisoning occurs contact a Doctor or **Poisons Information Centre (Phone 131126)**.  
**Skin Contact:** Wash affected areas with water.  
**Eye contact:** Flush eyes with clean water for several minutes.  
**Ingestion:** If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone: 131126).  
**Advice to doctor:** No specific antidote is known. If poisoning is suspected apply symptomatic treatment.

### Section 5 Fire Fighting Measures

**Fire and explosion hazards:** This product is non-flammable and non-explosive, but is combustible. Combustion products are toxic and/or irritant.  
**Extinguishing Media:** Dry powder, foam, carbon dioxide (CO<sub>2</sub>) or water (do not use water jet).  
**Fire Fighting:** When fighting fires use extinguishing media that is appropriate for the materials that are burning. Wear personal protective equipment including a self-contained breathing apparatus.

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#### **Section 6 Accidental Release Measures**

**Accidental Release:** Due to the nature of the product (capsules) large spills should not occur.

#### **Section 7 Handling and Storage**

**Storage:** Store below 25°C (Air Conditioning), in a cool, dry place, away from direct sunlight. Store unused tablets in the carton. Keep out of reach of children.

#### **Section 8 Exposure Controls / Personal Protection**

**Exposure Limits:** No occupational exposure limits TWA or STEL have been set for the ingredients of this product.  
**Eye Protection:** No special protective equipment required.  
**Skin protection:** No special protective equipment required.  
**Respirator:** No special protective equipment required.  
**Protective material types:** No special protective equipment required.  
**General advice:** Wash hands after use.

#### **Section 9 - Physical and Chemical Properties**

**Physical State:** Round biconvex tablet  
**Colour:** White-yellow  
**Odour:** Non-specific  
**Corrosiveness:** Non-corrosive  
**Flammability:** Non-flammable  
**Miscibility with water:** Immiscible

#### **Section 10 - Stability and Reactivity**

**Chemical Stability:** Product is stable under normal conditions.

#### **Section 11 - Toxicological Information**

**Acute Toxicity :**

**Oral:** **Harmful**  
Tests on rats indicate a low toxicity following single doses of the undiluted active Nitenpyram.  
LD<sub>50</sub> = 1680 mg/kg

**Dermal:** **Low Toxicity.**  
Tests on rats indicate low toxicity due to contact with undiluted active product.  
LD<sub>50</sub> > 2000 mg/kg

**Inhalation:** **Low Toxicity.**  
Tests on rats indicate a low toxicity due to inhalation of this product.  
LD<sub>50</sub> > 5.8 mg/L

**MATERIAL SAFETY DATA SHEET****Local Effects:**Irritation -

Eye:

**Non irritant** (Based on studies with Nitenpyram in rabbits)

Skin:

**Non irritant** (Based on studies with Nitenpyram in rabbits)Sensitisation -

Skin:

**Non-sensitiser** (Based on results in guinea-pigs)**Chronic Toxicity:**

Nitenpyram has been tested on laboratory mammals and in test-tube systems. No evidence of mutagenic, carcinogenic, teratogenic or reproductive effects was obtained.

**Section 12 - Ecological Information**

Ecological data for Nitenpyram.

Species	EC <sub>50</sub> mg/L	LC <sub>50</sub> mg/L
Carp (48hr)	-	1000
<i>Daphnia magna</i> (24 hr)	100	10000
<i>Selenastrum capricornutum</i> [Green algae] (72hr)	6.25	

Nitenpyram is practically non-toxic to fish, birds and aquatic arthropods.

**Section 13 - Disposal Considerations****After intended use:**

Dispose of empty container by wrapping with paper and putting in garbage.

**Section 14 - Transport Information**

**UN Number:** None allocated  
**UN proper shipping name:** None allocated  
**Class & Subsidiary Risk :** None allocated  
**Packaging Group:** None allocated  
**HAZCHEM Code:** None allocated

**Section 15 - Regulatory Information****Australia:**

Product is registered for use with the Australian Pesticides and Veterinary medicines Authority

**Section 16 - Other Information**

**This MSDS contains only safety-related information. For other data see product literature.**

**Acronyms**

**CAS Number:** Chemical Abstracts Service Registry Number  
**Hazchem Number:** Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters  
**NOHSC:** National Occupational Health and Safety Commission  
**STEL:** Short-term Exposure Limit  
**SUSDP:** Standard for the Uniform Scheduling of Drugs & Poisons  
**TWA:** Time Weighted Average  
**UN Number:** United Nations Number



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**Note:**

**This product is a registered veterinary chemical and must therefore be used in accordance with the container label directions. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the Federal health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.**

**This Material Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.**

**If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.**

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