

# MATERIAL SAFETY DATA SHEET

## SECTION I – PRODUCT INFORMATION

**PRODUCT NAME:** Safe-Guard Premix  
**OFFICIAL NAME:** Safe-Guard Premix 20%  
**PRODUCT TYPE:** Anthelmintic  
**DIN:** 00617598  
**DOSAGE FORM:** Premix  
**ACTIVE INGREDIENT:** Fenbendazole - 200mg/g  
**MANUFACTURER/SUPPLIER:** Intervet Canada Ltd.

**TELEPHONE:** 1-800-268-4257  
**EMERGENCY #:** 1-800-345-4735 (only to be used after hours between 4:30pm - 8:30am)  
**FAX:** 1-888-498-4444

## SECTION II – INGREDIENT INFORMATION

INGREDIENT – COMPONENT	CAS#
Fenbendazole (methyl-5-phenylthio-2-benzimidazol-carbamate)	46210-67-9
Mineral Oil	8012-95-1
Calcium Carbonate	471-34-1

## SECTION III – PHYSICAL DATA

**MELTING POINT:** N/D  
**SOLUBILITY:** Insoluble  
**APPEARANCE AND ODOUR:** Light brown powder; distinctive odour  
**OTHER:** Bulk Density: 25lbs/cubic foot

## SECTION IV – FIRE AND EXPLOSION DATA

**FLAMMABLE PROPERTIES:** N/A  
**EXTINGUISHER MEDIA:** Water, water mist, alcohol foam, or dry chemical  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full bunker gear, including SCBA, for fighting fires involving large quantities of this material.

## SECTION V – HEALTH HAZARD DATA

**EMERGENCY OVERVIEW:** Fenbendazole is non-reactive and relatively non-toxic.  
**POTENTIAL HEALTH EFFECTS:** There are no known adverse health effects associated with this product.  
**DELAYED/LONG TERM EFFECTS:** N/A  
**CARCINOGENIC EFFECTS:** This product is not considered a carcinogen and is not listed by OCHA, IARC, or NTP.

## SECTION V – HEALTH HAZARD DATA (CONT.)

### FIRST AID PROCEDURES:

In case of contact with eyes, flush with water for 15 minutes. If irritation develops, seek medical attention.

In case of contact with skin, wash with soap and water. If irritation develops, seek medical attention.

In case of inhalation, in cases of difficult breathing, remove to fresh air. If not breathing, give artificial respiration and seek medical attention **IMMEDIATELY**.

In case of ingestion, consult a physician.

**NOTE TO PHYSICIAN:** Fenbendazole is a broad spectrum anthelmintic approved for use in animals. It is non-toxic.

## SECTION VI – REACTIVITY DATA

STABILITY: Stable:   X  

Unstable:

HAZARDOUS POLYMERIZATION:

May Occur:

Will not occur:   X  

## SECTION VII – SPILL OR LEAK PROCEDURE

### ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN: Sweep and shovel spilled material. Place in secure container for disposal.

DISPOSAL METHODS: Wastes should be incinerated.

*Please contact Intervet Canada Ltd. for disposal of pharmaceutical products 1-800-268-4257.*

## SECTION VIII - SPECIAL PROTECTION INFORMATION

PROTECTIVE EQUIPMENT: N/A

INHALATION: Avoid breathing dust. Wear dust respirator if local exhaust ventilation is not available.

## SECTION IX – STORAGE AND HANDLING PRECAUTIONS

STORAGE AND HANDLING: Keep this and all drugs out of the reach of children. Store at room temperature. Keep material dry. Prevent from freezing. Use good hygiene and good work practices. Do not empty the contents of sacks into vessel containing a combustible mixture of gases. Static discharge may ignite vapours or gases. Equipment used in handling this product should be electrically grounded to prevent possible dust explosion.

## SECTION X – TOXICOLOGICAL INFORMATION

ORAL LD<sub>50</sub>: Rat & Mouse - greater than 10,000mg/kg

## SECTION XI – ECOLOGICAL INFORMATION

ECOTOXICITY: LC<sub>50</sub> - greater than 500mg/L (Zebrafish). Due to the low solubility of the product, biological elimination and toxicity to bacteria was not determined. The product can be removed mechanically in water clarification plants.

## **SECTION XII – TRANSPORTATION**

TDG/DOT CLASSIFICATION: Not regulated by ground transport.  
ICAO/IATA CLASSIFICATION: Not regulated by air transport.

## **SECTION XIII – REGULATORY INFORMATION**

PROVINCIAL REGULATIONS: complies  
FEDERAL REGULATIONS: complies

## **SECTION XIV – ADDITIONAL INFORMATION**

Disclaimer: The information contained herein is offered only as a guide to the handling of this special material. Since such information does not relate to the use of the material with any other material or in any process, any person using this information must determine for themselves its suitability for any particular application. The buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.

### **FOR ANIMAL USE ONLY**

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**The information contained herein is true and accurate to the best of the knowledge of Intervet Canada Ltd.  
However, all data, instructions and/or recommendations are made without guarantee.**

SIGNED: \_\_\_\_\_

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