

SAFETY DATA SHEETS

This SDS packet was issued with item:

078476570

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078394434

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078832940

----- MATERIAL SAFETY DATA SHEET -----

Hoechst Roussel

SAFE-GUARD (FENBENDAZOLE) 0.5% CATTLE TOP DRESS
PELLET MEDICATED DEWORMER (CODE: 880210)

PRODUCT NAME: SAFE-GUARD(R) (FENBENDAZOLE) 0.5% CATTLE TOP
DRESS PELLETT MEDICATED DEWORMER
PRODUCT CODE: 880210
MSDS NUMBER: 01011
VERSION DATE: 04/10/1996

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SAFE-GUARD(R) (FENBENDAZOLE) 0.5% CATTLE TOP
DRESS PELLETT MEDICATED DEWORMER
PRODUCT CODE: 880210
MSDS NUMBER: 01011
SYNONYMS: Fenbendazole
Methyl-5-Phenylthio-2-Benzimidazole-Carbamate
MANUFACTURER: HOECHST ROUSSEL VET
30 INDEPENDENCE BLVD.
P.O. BOX 4915
WARREN, N.J. 07059
U.S.A.
PRODUCT USE: This product is a cattle dewormer
(anthelmintic).

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER
Fenbendazole	43210-67-9
Dehydrated Alfalfa Meal	
Roughage Products	
Mineral Oil	8012-95-1
Calcium Carbonate	471-34-1

3. HAZARDS IDENTIFICATION

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:
CARCINOGENIC EFFECTS: This product is not considered a carcinogen and is not listed by OSHA, IARC or NTP.

4. FIRST AID MEASURES

SKIN: Wash skin with soap and water. If irritation develops, get medical attention.
EYES: Flush with water for 15 minutes. If irritation develops, get medical attention.
INHALATION: In cases of difficult breathing, remove to fresh air. If not breathing, give artificial respiration and medical attention immediately.
INGESTION: If conscious, give water to drink and induce vomiting. Never give anything by mouth to an unconscious person. Contact medical personnel for observation or treatment as needed.
NOTE TO PHYSICIANS: Fenbendazole is a broad spectrum anthelmintic approved for use in animals. It is non-toxic.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water, water mist, alcohol foam, or dry chemical.
FIRE FIGHTING INSTRUCTIONS: Wear full bunker gear, including SCBA, for fighting fires involving large quantities of this material. Keep upwind.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES IN CASE OF SPILL OR LEAK: Clean up spilled material. Place in a secure container for disposal.

7. HANDLING AND STORAGE

HANDLING: Do not empty the contents of sacks into vessels containing a combustible mixture of gases. Static discharge may ignite vapors or gases. Equipment used in handling this product should be electrically grounded to prevent possible dust explosion.
STORAGE: Store at room temperature. Keep material dry. Protect containers from damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:
FOR BULK USE:
EYES: Prevent eye contact by wearing appropriate eye protection for handling tasks (safety glasses, goggles, or face shield) and by using good work practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

BULK DENSITY: 25 lbs/cubic foot

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ORAL LD50: Rat greater than 10,000 mg/kg
ORAL LD50: Mouse greater than 10,000 mg/kg
SKIN IRRITATION: Negative
EYE IRRITATION: Negative

12. ECOLOGICAL INFORMATION

ECOTOXICITY:
LC50: Greater than 500 mg/l (48 and 96 hrs) (Zebrafish)

13. DISPOSAL CONSIDERATIONS

Waste should be incinerated or disposed of at an approved landfill.

14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Not regulated by DOT

15. REGULATORY INFORMATION

STATE REGULATIONS: Not Regulated

16. OTHER INFORMATION

DISCLAIMER: The information contained herein is offered only as a guide to the handling of this specific material. Since such information does not relate to 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 assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.

EMERGENCY:

HUMAN, FIRE, SPILL OR ENVIRONMENTAL: 1-800-228-5635
ID 132 24 HRS
ANIMAL: 1-800-345-4735 ID 104 24 HRS
TRANSPORTATION:
CANUTEC: 1-613-996-6666 24 HRS
PRODUCT INFORMATION: 8:30 AM - 4:30 PM (CST)
1-800-668-6644

- - - - - MATERIAL SAFETY DATA SHEET - - - - -

Hoechst Roussel

SAFE-GUARD (FENBENDAZOLE) 0.5% CATTLE TOP DRESS
PELLET MEDICATED DEWORMER (CODE: 880210)

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Hoechst Roussel Vet
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consequences of its use. Each user should make a
determination as to the suitability of the information for
their particular purpose(s). A request has been made to the
manufacturer to approve the contents of this material
safety data sheet. Upon receipt of any changes a new MSDS
will be made available.

COMPAS Code: 35830190



MATERIAL SAFETY DATA SHEET

VERSION DATE: 1/2003

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----- 1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION -----

Product Name: SAFE-GUARD®
Product Family: PHARMACETUTICALS

PRODUCT:

Safe-Guard® 35% Mineral Mix
Safe-Guard® 0.5% Top Dress Pellets
Safe-Guard® 290GM Cartridge
Safe-Guard® 20% Mineral Mix
Safe-Guard® 1.96% Soft Mini Pellets
Safe-Guard® 1.96% Flaked Meal
Safe-Guard® Liters
Safe-Guard® Gallons
Safe-Guard® Paste-25 Gram
Safe-Guard® Paste-92 Gram
Safe-Guard® EZ Scoop
Safe-Guard® En-pro-al blocks
Safe-Guard® Sweetlix® 20% Protein blocks
Safe-Guard® Premix 20%
Safe-Guard® Granules

PRODUCT CODE:

SG-474-20
SG-469-10
SG-472-290GM
SG-459-25
SG-458-25
SG-457-25
SG-467-1GAL
SG-467-1LT
SG-471-25-12
SG-471-92-12
SG-463-10
SG-465-25
SG-464-25
SG-473-25
SG-470-5.2-10, 48

SYNONYMS:

FENBENDAZOLE

PRODUCT USE: Refer to product packaging or insert for proper usage.

COMPANY ADDRESS: Intervet Inc - 405 State Street - Millsboro, DE. 19966

EMERGENCY: HUMAN, FIRE, SPILL OR ENVIRONMENTAL: 1-800-228-5635 EXT. 132 24 HRS.
ANIMAL: 1-800-345-4735 EXT. 104 24 HRS.
CHEMTREC® FOR CHEMICAL EMERGENCY SPILL, LEAK, FIRE: 1-800-424-9300

PRODUCT INFORMATION: 1-800-441-8272 OR 1-302-934-8051 8:00 A.M. - 5:00 P.M. EST



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VERSION DATE: 1/2003

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----- 2. COMPOSITION / INFORMATION on INGREDIENTS -----

<u>HAZARDOUS COMPONENT:</u>	<u>CONCENTRATION:</u>	<u>CAS NUMBER:</u>
FENBENDAZOLE	0.5%-35%	43210-67-9

----- 3. HAZARDS IDENTIFICATION -----

ROUTES OF ENTRY: *Dermal, Injection, Inhalation, Ingestion*

ACUTE EFFECTS OF EXPOSURE: *May cause irritation at site of contact.*

CRONIC EFFECTS OF EXPOSURE: *None known*

CARCINOGENIC EFFECTS: *This product is not considered a carcinogen and is not listed by OSHA, IRAC or NTP.*

----- 4. FIRST AID MEASURES -----

SKIN: *Wash immediately affected area with soap and water. Contact a physician.*

EYES: *Immediately flush with plenty of water for fifteen minutes. Contact a physician*

INHALATION: *Remove to fresh air. If not breathing, give artificial respiration and call for medical help immediately.*

INGESTION: *Seek medical attention immediately.*

----- 5. FIRE FIGHTING MEASURES -----

EXTINGUISHING METHODS: *Use Water, Water Mist, Foam or Dry Chemical to extinguish fire.*

FIRE FIGHTING INSTRUCTIONS: *Wear full bunker gear, including SCBA, for fighting fires involving large quantities of this material. Keep upwind.*

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6. ACCIDENTAL RELEASE MEASURES

PROCEDURES IN CASE OF SPILL OR LEAK: *Clean up spilled material. Place in a secure container for disposal.*

7. HANDLING and STORAGE

STORAGE: *Store at room temperature. Keep material dry. Protect containers from damage.*

SHELF LIFE: *See expiration date on product label.*

HANDLING PRECAUTIONS: *Do not empty contents of sacks into vessels containing a combustible mixture of gasses. Static discharge may ignite vapors or gasses. Equipment used in handling this product should be electrically grounded to prevent possible dust explosion.*

8. EXPOSURE CONTROL / PERSONAL PROTECTION

EYES: *Prevent eye contact by wearing appropriate eye protection for handling tasks.*

SKIN: *Avoid skin contact. Wear chemical resistant gloves, long-sleeves and trousers to prevent dermal contact.*

RESPIRATOR PROTECTION: *Under normal conditions of use, as stated in the product insert, no respiratory protection is necessary. However, if ventilation is inadequate wear a NIOSH approved respirator.*

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE: *Dry mixture with inert edible excipients. See product label for details.*

PH: 5.0-7.0

10. STABILITY and REACTIVITY

CHEMICAL STABILITY: *Stable*

CONDITIONS TO AVOID: *None known*

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INCOMPATABILITY: *None Known*

HAZARDOUS POLYMERIZATION: *Will not occur*

----- 11. TOXICOLOGICAL INFORMATION -----

Oral LD 50 Rat: *Greater than 10,000 mg/kg*

Intraperitoneal LD50 (rat): *Not available*

Intraperitoneal LD50 (mouse): *Not available*

----- 12. ECOLOGICAL INFORMATION -----

ECOTOXITY: *LC 50 greater than 500 mg/L (48 and 96 hrs) Zebrafish*

----- 13. DISPOSAL CONSIDERATIONS -----

Waste should be incinerated.

----- 14. TRANSPORTATION -----

DOT SHIPPING INFORMATION: *Not regulated by the DOT*

----- 15. REGULATORY INFORMATION -----

STATE REGULATIONS: *The following chemicals associated with the product are subject to the Right-To-Know regulations in these states:*

Mineral Oil (8012-95-1): IL, LA, MA, RI

U.S. FEDERAL REGULATIONS: *Sara 313: No components listed*

This product is listed with the FDA for use in animals.

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-----16. OTHER INFORMATION -----

DISCLAIMER:

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