

SAFETY DATA SHEET



DectoGard™

Item # 10-107

1. SUBSTANCE IDENTITY/COMPANY CONTACT INFORMATION

PRODUCT NAME: DectoGard™

MOLECULAR FORMULA: Topical Solution

CHEMICAL FAMILY: Anti-parasitic

USE: Veterinary use.

SUPPLIER:

Aurora Pharmaceutical

1196 South Highway 3

Northfield, MN 55057

TELEPHONE NUMBERS:

Emergency (Chemtrec 24 hours): (800) 424-9300

Information: (888) 215-1256

2. HAZARDS IDENTIFICATION

Signal word: Warning

Pictograms:



HAZARD STATEMENTS

H255 – Highly flammable liquid and vapor

H303 – May be harmful if swallowed

H336 – May cause drowsiness and dizziness

H319 – Causes serious eye irritation

H361 – Suspected of damaging fertility or unborn child

H362 – May cause harm to breast-fed children

H410 – Very toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS

P201 – Obtain special instructions before use

P202 – Do not handle until all safety precautions have been read and understood

P210 – Keep away from heat/sparks/open flames/hot surfaces

P240 – Ground container and receiving equipment

P233 – Keep container tightly closed

P241 – Use explosion-proof electrical/ventilation/lighting/equipment

P242 – Use only non-sparking tools

P243 – Take precautionary measures against static discharge

P260 – Do not breathe dust/fume/gas/mist/vapors/spray

P264 – Wash thoroughly after handling

P263 – Avoid contact during pregnancy/while nursing

P270 – Do not eat, drink or smoke when using this product

P271 – Use only outdoors or in a well-ventilated area

P273 – Avoid release to the environment

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P308 + P313 – If exposed or concerned: Get medical attention/advice

P312 – Call poison control/doctor/physician if you feel unwell

P303 + P361 + P353 – If on skin or hair: Take off immediately all contaminated clothing, rinse skin with water/shower

P305 + P351 + P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, continue rinsing

P337 + P313 – If eye irritation persists: Get medical advice

P304 + P340 – If inhaled: Remove victim to fresh air

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P370 + P378 – In case of fire: Use water spray, carbon dioxide, dry chemical, foam for extinction
P391 – Collect spills
P405 – Store locked up
P401 + P235 – Store in a well-ventilated place. Keep cool
P501 – Dispose of contents/container in accordance with all local and national regulations

CARCINOGENIC STATUS: No component of this product is listed as a known carcinogen.

Other Hazards:

Sort Term: May be absorbed through the skin and cause systemic effects. Breathing high vapor concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache, nausea, and loss of coordination. Continued inhalation may result in unconsciousness and death.

Long Term: Prolonged or repeated contact may cause defatting and drying of the skin. Repeat-dose studies in animals have shown a potential to cause adverse effects on the developing fetus.

3. COMPOSITION/INFORMATION OF INGREDIENTS
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Mixture of the substances listed in this section.

INGREDIENT 1

COMMON NAME: Isopropyl alcohol
% W/V: 60% - 85%
CAS Number: 67-63-0

INGREDIENT 2

COMMON NAME: Triethanolamine
% W/V: <1%
CAS Number: 102-71-6

INGREDIENT 3

COMMON NAME: Doramectin
% W/V: 0.5%
CAS NUMBER: 117704-25-3

INGREDIENT 4

COMMON NAME: Cetearyl octanoate
CAS NUMBER: 59130-69-7

INGREDIENT 5

COMMON NAME: FD & C Blue No. 1
CAS NUMBER: 3844-45-9

ADDITIONAL INGREDIENTS

Additional ingredients are considered non-hazardous.

EXPOSURE LIMIT(S) FOR THE MATERIAL: Not established.

4. FIRST AID MEASURES

EYES: Remove contact lenses, if present. Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. Seek medical attention.

SKIN: Remove affected clothing. After contact with skin, wash immediately with soap and water. If skin reaction occurs, obtain medical attention.

INHALATION: Move to fresh air, seek medical attention.

INGESTION: If swallowed, seek medical advice immediately. Wash mouth out with water, do not induce vomiting.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or foam.

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FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full-body protective equipment. Use spark-proof tools and explosion-proof equipment. Evacuate area and fight fire from safe distance. Collect water used to fight fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Flammable liquid and vapor. Vapors will form flammable/explosive mixtures with air at room temperature.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, Nitrogen oxide.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Eliminate all sources of ignition and use explosion-proof equipment.

ENVIRONMENTAL PRECAUTIONS: Do not flush into surface water. Do not flush to groundwater and soil. Place waste in appropriately labeled, sealed container for disposal.

METHODS FOR CLEANING UP: Eliminate possible ignition sources. Absorb spills with non-combustible absorbent material and transfer into a labeled container.

7. HANDLING AND STORAGE

HANDLING: Eliminate possible sources of ignition and follow appropriate grounding and bonding procedures. Use in well-ventilated area. Avoid Breathing vapor or mist. Avoid contact with eyes, skin and clothing. Use appropriate personal protective equipment.

STORAGE: Keep away from heat, sparks, flame, and other sources of ignition. Keep containers closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL. Refer to available public information for specific Occupational Exposure Limits.

VENTILATION: Well ventilated location.

HAND PROTECTION: Impervious gloves.

EYE PROTECTION: Safety glasses or goggles if eye contact is possible.

SKIN: Impervious protective clothing if contact with drug product is possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear blue liquid

Odor: Characteristic

pH: Not Determined

Flash Point: 14.4°C

Auto ignition Temperature: Not Determined

Boiling Point/Range: 84°C

Melting Point/Range: Not Determined

Flammability (solid, gas): Not Determined

Vapor Pressure: Not Determined

Vapor Density: Not Determined

Density: 0.794-0.800 g/mL at 25°C

Water Solubility: Not Determined

Reactivity in Water: Not Determined

Decomposition Temperature: Not Determined

10. STABILITY AND REACTIVITY

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STABILITY: Stable under normal conditions.

PHYSICAL CONDITIONS TO AVOID: Eliminate possible ignition sources.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: No data available.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Isopropyl Alcohol:

Rat Oral LD50 - > 2000 mg/kg

Mouse Oral LD50 - 3600 mg/kg

Rat Inhalation LC50/8hr - 16000 ppm

Rabbit Dermal LD50 – 12800 mg/kg

Rat Inhalation LC50 – 30mg/L

Doramectin:

Rat Male Oral LD50 – 1000-2000 mg/kg

Rat Female Oral LD50 – 500-1000 mg/kg

Triethanolamine:

Rat Oral LD50 – 8g/kg

Rabbit Dermal LD50 – 20g/kg

CHRONIC TOXICITY:

Isopropyl Alcohol:

20 Weeks Rat Inhalation – 4000 ppm – Liver central nervous system

104 Weeks Rate Inhalation – 5000 ppm - Kidney

Doramectin:

3 Months Rat Oral – 2 mg/kg/day - Liver

3 Months Dog Oral – 0.1 mg/kg/day – Central Nervous System

REPRODUCTIVE/DEVELOPMENTAL TOXICITY:

Isopropyl Alcohol:

Prenatal/Postnatal Development Rat Inhalation – 7000 ppm – Maternal toxicity, Fetotoxicity, Embryotoxicity

2 Generation Reproductive Toxicity Rat Oral – 1000 mg/kg/day – Maternal Toxicity, Fetal mortality

Prenatal/Postnatal Development Rat Oral – 1200 mg/kg/day – No effects at maximum dose

Doramectin:

Embryo/Fetal Development Rat Oral - >6 mg/kg/day – Not teratogenic

Embryo/Fetal Development Mouse Oral – 3 mg/kg/day – Fetotoxicity, Not Teratogenic

Embryo/Fetal Development Rabbit Oral – 0.75 mg/kg/day – Maternal Toxicity, Teratogenic

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY

Doramectin

Daphnia magna TAD EC50/48hr – 0.00010 mg/L

Leptornis macrochirus TAD LC50/96hr – 0.011 mg/L

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Oncorhynchus mykiss TAD LC50/96hr – 0.0051 mg/L

Triethanolamine

Brachydanio rerio LC50/96hr – 11800 mg/L

Ceriodaphnia dubia EC50/48hr – 610 mg/L

Daphnia magna EC50/24hr – 1386 mg/L

Daphnia magna NOEC/21 days – 16 mg/L

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of by applicable local and nation regulations. Do not release into the environment.

14. TRANSPORT REGULATIONS

DOT

This material is regulated for transportation as a hazardous material/dangerous good.

Containers greater than 1L

UN Number: UN 1219

Proper Shipping Name: Isopropanol solution, Marine Pollutant (Doramectin)

Hazard Class: 3

Packing Group: II

Environmentally Hazardous: Yes, Marine Pollutant (Doramectin)

Flash Point: 14.4°C

1L Container

DOT Proper shipping name: Consumer Commodity

DOT Hazard Class: "Limited Quantity"

15. REGULATORY INFORMATION

The following components are listed in the United States TSCA (Toxic Substance Control Act)

Isopropyl Alcohol

Triethanolamine

Cetearyl octanoate

FD & C Blue No.1

16. OTHER INFORMATION

Revision Date: 06/26/2026

The information and recommendations presented in this SDS are based on sources believed to be accurate. Aurora Pharmaceutical assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.