

SAFETY DATA SHEET



Revolt, Selamectin 6% and 12% Topical Solutions

Item # 10-097 and 10-098

1. SUBSTANCE IDENTITY/COMPANY CONTACT INFORMATION

PRODUCT NAME: Revolt, Selamectin 6% and 12% Topical Solutions

MOLECULAR FORMULA: Mixture

CHEMICAL FAMILY: Avermectin antiparasitic

USE: Antiparasitic for dogs and cats.

SUPPLIER:

Aurora Pharmaceutical, LLC
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: Danger

Pictograms



HAZARD STATEMENTS

- H225 – May be harmful if swallowed
- H336 – May cause drowsiness and dizziness
- H319 – Causes serious eye irritation
- H361 – Suspected of causing damage to fertility or the unborn child
- H411-Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS

- P201-Obtain special instructions before use
- P202 – Do not get in eyes, on skin, or on clothing
- P210-Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P233-Keep container tightly closed.
- P240-ground/bond container and receiving equipment.
- P241-Use explosion-proof electrical/ventilating/lighting/equipment
- P242-Use only non-sparking tools
- P243-Take precautionary measures against static discharge.
- P261-Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 - Wash thoroughly after handling
- P273- Avoid release to the environment
- P280-Wear protective gloves/protective clothing/eye protection/face protection.
- P303 + P361-Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304 + P340-If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

- P305 + P351-If in eyes: Rinse cautiously with water several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313 – If exposed or concerned, get medical advice/attentions
- P312-Call poison center/doctor/physician if you feel unwell.
- P337-If eye irritation persists: Get medical attention.
- P370 + P378-In case of fire: Use CO₂, dry chemical, or foam for extinction.
- P403 + P235-Store in a well-ventilated place. Keep cool.
- P501-Dispose of contents/containers in accordance with all local and national regulations.

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

EFFECTS OF EXPOSURE: Skin irritation, dermatitis. Repeated-dose studies in animals have shown a potential to cause adverse effects on: liver, reproductive system, and the developing fetus.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Mixture of the substances listed in this section.

INGREDIENT 1

COMMON NAME: Selamectin
% BY WEIGHT: 7% to 15%
CAS NUMBER: 220119-17-5

INGREDIENT 2

COMMON NAME: Isopropyl Alcohol
% BY WEIGHT: 70 - 86%
CAS NUMBER: 67-63-0

INGREDIENT 3

COMMON NAME: Dipropylene Glycol Methyl Ether
% BY WEIGHT: Trade Secret
CAS NUMBER: 34590-94-8

INGREDIENT 4

COMMON NAME: Butylated Hydroxy Toluene
% BY WEIGHT: Trade Secret
CAS NUMBER: 128-37-0

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

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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: Immediately remove any contaminated clothing and wash with soap and water. Seek medical attention.

INHALATION: Move to fresh air. Seek medical attention.

INGESTION: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT: 12°C - open cup (based on flash point of Isopropyl Alcohol).

LOWER EXPLOSION LIMIT (LEL): 2% (Isopropyl Alcohol).

UPPER EXPLOSION LIMIT (UEL): 12.7% (Isopropyl Alcohol).

EXTINGUISHING MEDIA: Water, alcohol-resistant foam, carbon dioxide, or dry chemical.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full-body protective equipment.

UNUSUAL FIRE OR EXPLOSION HAZARDS: May form toxic gasses.

HAZARDOUS COMBUSTION PRODUCTS: May form toxic gasses.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Wear PPE described in section 8.

ENVIRONMENTAL PRECAUTIONS: Do not let product enter drains. Do not flush into surface water. Do not flush to groundwater and soil.

METHODS FOR CLEANING UP: Contain the spill is safe to do so. Eliminate possible ignition sources. Absorb the liquid with suitable material, then transfer into a suitable container for disposal.

7. HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Eliminate possible ignition sources (heat, sparks, flame, impact, friction, electricity). Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse.

STORAGE: Store at or below 30°C. Store away from direct sunlight. Store away from food and beverages. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not required under normal conditions of use. Respirator is required when OSHA PEL for isopropyl alcohol is exceeded.

VENTILATION: Good general ventilation should suffice.

HAND PROTECTION: Impervious gloves recommended for alcohols.

EYE PROTECTION: Safety glasses. Care should be taken to avoid accidental exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless to yellow liquid.

Odor: Alcohol.

pH: Not available.

Flash Point: 12°C (based on flash point of Isopropyl alcohol)

Auto ignition Temperature: 399°C (based on flash point of Isopropyl alcohol)

Boiling Point/Range: NA

Melting Point/Range: NA

Flammability (solid, gas): NA

Upper/Lower Flammability: 2% - 12.7% (Isopropyl alcohol).

Vapor Pressure: NA

Vapor Density: NA

Density: 0.805 – 0.825 g/mL

Water Solubility: Selamectin not soluble in water

Reactivity in Water: None

Decomposition Temperature: NA

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

PHYSICAL CONDITIONS TO AVOID: Heat, spark, flames, no data available.

INCOMPATIBILITY WITH OTHER

MATERIALS: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, Carbon monoxide, and other toxic vapors.

HAZARDOUS POLYMERIZATION: No data available.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

No data is available for the product.

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Selamectin:
 LD₅₀ Oral rat >1600mg/kg
 LD₅₀ Oral mouse >1600mg/kg
 Isopropyl Alcohol:
 LD₅₀ Oral rat: 4710mg/kg

CHRONIC TOXICITY:
 Long term toxicological effects have not been thoroughly studied.

12. ECOLOGICAL INFORMATION

The product contains material that is toxic to aquatic life. Releases to the environment should be avoided.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not release into the environment. Dispose of in accordance with applicable local and national regulations.

14. TRANSPORT REGULATIONS

Components in this material are regulated for transportation as a hazardous material/dangerous good.

UN number: UN 1219
 Un proper shipping name: Isopropanol Solution
 Transport hazard class(es): 3
 Packing group: II
 Environmental Hazard(s): Marine pollutant (Selamectin)
 Flash point (°C): 19

15. REGULATORY INFORMATION

California Proposition 65: Not listed
 TSCA: Listed (Isopropanol)
 Listed (Dipropylene Glycol Methyl Ether)
 Listed (Butylated Hydroxytoluene)
 CERCLA/SARA 313: Listed (Isopropanol)

16. OTHER INFORMATION

Revision Date: 08/05/20

The information and recommendations presented in this SDS are based on sources believed to be accurate. Aurora Pharmaceutical, Inc. 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.