

SAFETY DATA SHEETS

This SDS packet was issued with item:

078160554

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

078037173 078945981 078947684

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).

078360148



MATERIAL SAFETY DATA SHEET

Product Id: Nolvasan Otic

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code: RM1000397

Product Name: Nolvasan Otic

Supplier: Fort Dodge Animal Health
800 5th Street NW
PO Box 518
Fort Dodge, IA 50501

General Information No.: (515) 955-4600
Emergency Telephone No.: (515) 955-6033

Emergency Telephone Number: (800) 424-9300

General Telephone Number: (515) 955-4600

Prepared By: Environmental, Health + Safety

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	Weight %	ACGIH TWA:	CAS-No.	Wyeth OEG:	Units for TWAs, STELs, ACGIH, OSHA:
Inert Ingredients 0000-00-0	95	NA	Various	NA	mg/m3
Isopropyl Alcohol 67-63-0	5	400 ppm	67-63-0	Not Established	mg/m3

3. HAZARDS IDENTIFICATION

Inhalation: None

Skin Contact: None known

Ingestion: Practically non-toxic if swallowed.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lens if present. If redness or irritation persists have eyes examined by a doctor immediately.

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4. FIRST AID MEASURES

Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lens if present. If redness or irritation persists have eyes examined by a doctor immediately.
Skin Contact:	Flush skin with plenty of soap and water for at least 15 minutes. Remove all contaminated clothing and shoes. Get medical attention if symptoms persist.
Inhalation:	No specific treatment, treat symptomatically. If breathing is difficult, give oxygen. If respiratory arrest occurs provide artificial respiration and seek immediate medical assistance.
Ingestion:	No specific treatment, treat symptomatically. Call medical doctor or poison control center immediately if large quantities are ingested.
Aggravated Conditions:	None known.
Notes to Physician:	Direct treatment at control of symptoms.

5. FIRE FIGHTING MEASURES

Extinguishing Media and Fire Fighting Instructions:	Follow your company's procedures. Use an extinguishing agent suitable for the surrounding class of fire.
Special Hazards:	None. Dispose of fire debris and contaminated fire fighting water in accordance with regulations.
Personal Protective Equipment:	Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Methods For Cleaning Up:	Follow your company's spill procedures. Keep people out of area. Put on appropriate personal protective equipment (See Section 8). Use a tool to scoop up and put into appropriate labeled waste container.
Personal Precautions:	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions:	No special measures are typically indicated.

7. HANDLING AND STORAGE

Handling

Technical Measures/Precautions:	No special technical measures required when product is used as directed on label or package insert.
Safe Handling Advice:	Avoid contact with eyes, skin, and clothing. Avoid generating or breathing product aerosol. Wash after handling.

Storage

Technical Measures/Storage	Store tightly closed in original container. Keep containers in a well ventilated,
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Conditions: secure location.

Incompatible Products: No special restrictions on storage with other products

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: General ventilation is typically sufficient to keep airborne levels below established values when product is used as directed on label or on package insert. Provide eye wash and quick drench shower close to work station. Clean, appropriately launder, or dispose of all potentially contaminated work clothing, foot wear, and protective equipment after use.

Personal Protective Equipment

Respiratory Protection: Respirator selection must be based on anticipated exposure levels, product hazards, and the safe working limits of the selected respirator. A respirator is not needed under normal and intended conditions of product use.

Hand Protection: gloves. Chemical resistant.

Skin and Body Protection: Lab coat.

Eye Protection: safety glasses, goggles, face-shield or other full-face protection where potential exists for direct exposure to aerosols or splashes.

Hygiene Measures: Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color: clear blue

Odor: No information available

pH: Not available.

Boiling Point/Range: Not applicable

Melting Point/Range: May start to solidify at -86 deg. C (-122.8 deg. F) based on data for isopropanol.

Density: 1 (Water=1) (Water for Injection)

Vapor Density: Weighted average: 2.07 (Air=1)

Physical State: LIQUID

Vapor Pressure: 33 mmHg (@22 deg. C)

Viscosity: Not applicable

Partition Coefficient: Not applicable

Solubility: Easily soluble in cold water, hot water.

Solubility in Other Solvents: None known

Flash Point: Open Cup: 48.889 deg C (120 deg F)

Explosion limits

- upper no data available

- lower no data available

Autoignition Temperature: Not applicable

Decomposition Temperature: Not applicable

Dust Explosivity: Not applicable.

10. STABILITY AND REACTIVITY

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Stability:	no data available
Conditions to Avoid:	Extremely reactive or incompatible with oxidizing agents. reactive with acids, alkalis.
Materials to Avoid:	no data available
Polymerization:	no data available
Hazardous Decomposition Products:	carbon oxides (CO, CO2) nitrogen oxides (NO, NO2) halogenated compounds.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	
LC50/inhalation/rat =	not determined
Principle Routes of Exposure:	Kidney. Central nervous system.
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lens if present. If redness or irritation persists have eyes examined by a doctor immediately.
Skin Contact:	Harmful in contact with skin.
Ingestion:	Practically non-toxic if swallowed.
Inhalation:	Practically non-toxic by inhalation.
Chronic Toxicity:	
Target Organs	Kidneys. Central Nervous System (CNS).
Specific Effects:	No known significant effects or critical hazards.
Sensitization:	Not available.
Carcinogenic Effects:	Classified 3 (not classifiable for human) by IARC
Mutagenic Effects:	Not mutagenic in a standard battery of genetic toxicological tests.
Teratogenic Effects:	No known human teratogenic effect.
Reproductive Toxicity:	No evidence of human reproductive effects.
Aggravated Conditions:	None known.

12. ECOLOGICAL INFORMATION

Environmental Fate:	Not available.
Environmental Hazards:	No known significant effects or critical hazards.

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Ecotoxicity Effects:	No hazardous ingredients
Aquatic Toxicity:	No hazardous ingredients
Mobility:	no data available
Bioaccumulation:	no data available
Environmental Precautions:	No special measures are typically indicated.

13. DISPOSAL CONSIDERATIONS

Waste/Unused Products:	Avoid disposal, make attempts to use product completely in accordance with intended use. Incinerate unwanted products and waste materials.
Contaminated Packaging:	Not applicable

14. TRANSPORT INFORMATION

DOT (Road/Rail Transport)

UN/ID Number:	Not controlled.
Proper Shipping Name:	Not controlled.
Hazard Class:	Not controlled.
Packing Group:	Not controlled.
DOT Reportable Quantity (lbs):	Not controlled.
Marine Pollutant:	Not controlled

ICAO/IATA (Air Transport):

UN/ID Number:	Not controlled.
Proper Shipping Name:	Not controlled.
Hazard Class:	Not controlled.
Packing Group:	Not controlled.

IMO/IMDG (Maritime Transport):

UN/ID Number:	Not controlled.
Hazard Class:	Not controlled.
Packing Group:	Not controlled.
Marine Pollutant:	Not controlled

15. REGULATORY INFORMATION

Indication of Danger:	Not controlled
Other Regulations:	Not controlled

16. OTHER INFORMATION

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Additional Advice: Use this product only in accordance with the directions provided on the product label or the package insert.

The information provided in this MSDS is based on current knowledge. However, this does not constitute a warranty by the Company for that information. The product user is responsible for the appropriate and intended handling, use, and disposal of this product in accordance with label or package insert precautions and this information. All materials may present unknown hazards and should be used with caution.

***** End of Safety Data Sheet *****

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