

SAFETY DATA SHEET

Dr. Naylor Hoof-N-Heel



Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS 2015 regulations

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Dr. Naylor Hoof-N-Heel**
PRODUCT DESCRIPTION: This product penetrates deep into the hoof to attack hoof rot, fouds, and foot scald in cattle, sheep and goats. This product is packaged in a 16 oz. bottle with a twist to applicator and one gallon container.
U.N. NUMBER: See section 14 for Details
U.N. DANGEROUS GOODS CLASS: See section 14 for Details
SUPPLIER/MANUFACTURER'S NAME: **H.W. Naylor Company, Inc.**
ADDRESS: 121 Main Street, Morris, New York 13808
EMERGENCY PHONE: (607) 217-0011
BUSINESS PHONE: (607) 217-0011 For Product Information
WEB SITE: www.drnaylor.com
DATE OF PREPARATION: October 29, 2017

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

PRODUCT DESCRIPTION: This product is a colorless liquid with a characteristic odor.

HEALTH HAZARDS: May cause damage to eyes. Harmful if swallowed.

FLAMMABILITY: This product is not flammable.

ENVIRONMENTAL EFFECTS: The Environmental effects of this product have not been investigated, however this product is not expected to cause significant adverse effects to aquatic life.

GHS HAZARD SYMBOL(S)



Signal Word: **Danger!**

COMPONENTS DETERMINING HAZARDS:

Zinc sulfate heptahydrate, Sodium dodecyl sulphate

GHS HAZARD CLASSIFICATION(S):

Acute Toxicity Category 4 (Oral)

Eye Damage Category 1

HAZARD STATEMENTS:

H302 Harmful if swallowed.

H318 Causes serious eye damage.

PREVENTION STATEMENTS:

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection.

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

RESPONSE STATEMENTS:

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

STORAGE STATEMENTS:

None applicable

DISPOSAL STATEMENTS:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

OTHER HAZARDS

There are no other hazards not otherwise classified that have been identified.

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SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	WT %	HAZARD CLASSIFICATION;
Zinc sulfate heptahydrate	7446-20-0	10-20%	ACUTE TOX CAT 3 (ORAL), EYE DAM CAT 1
Sodium dodecyl sulphate	151-21-3	<5%	ACUTE TOX CAT 4(ORAL), SKIN IRRIT CAT 2, EYE DAM CAT 1

For the listed ingredient(s), the exact percentage(s) are being withheld as a trade secret. The specific chemical information will be made available to health professionals in accordance with 29 CFR 1910.1200 (i)(1) (2) (3) (4).

SECTION 4 - FIRST-AID MEASURES

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation continues or blurred vision occurs.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention immediately.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE Persons with pre-existing eye or skin conditions may be more susceptible to the effects of the substance.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

SECTION 5 - FIRE-FIGHTING MEASURES

FIRE EXTINGUISHING MATERIALS:

Dry chemical, carbon dioxide, foam, or water spray

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Formation of toxic gases is possible during heating or in case of fire.

Explosion Sensitivity to Mechanical Impact:

Not Sensitive.

Explosion Sensitivity to Static Discharge:

Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES:

NFPA Rating System



Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Protect from heat.

ENVIRONMENTAL PRECAUTIONS:

Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders). Send for recovery or disposal in suitable receptacles.

SECTION 7 - HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Handle in accordance with good industrial hygiene and safety practices.

STORAGE AND HANDLING PRACTICES: Protect against physical damage. Store containers in a cool, dry location. Observe all warnings and precautions listed for the product. Keep from freezing and high heat sources.

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SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA
Zinc sulfate heptahydrate	7446-20-0	Not Listed	Not Listed
Sodium dodecyl sulphate	151-21-3	Not Listed	Not Listed

Currently, International exposure limits are not established for all the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapors.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93.

EYE PROTECTION: Required with this product. Use safety glasses and/or goggles, as appropriate.

If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Required when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Not normally required with this product. If necessary, refer to appropriate Standards of U.S., Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE & ODOR:	Colorless liquid with a characteristic
ODOR THRESHOLD (PPM):	Not Available
FLASH POINT:	Not Available
AUTOIGNITION TEMPERATURE:	Not Available
FLAMMABLE LIMITS (in air by volume, %):	Not Established
EXPLOSION PROPERTIES:	Product is not explosive.
VAPOR PRESSURE (mmHg):	23 hPa (17 mm Hg)
VAPOR DENSITY (AIR=1):	1.0 (water = 1.0)
DENSITY at 20°C (68°F):	Not Available
EVAPORATION RATE (nBuAc = 1):	Not Available
BOILING POINT (C°):	101 °C (214 °F)
MELTING POINT (C°):	Not Available
pH:	Not Available
SPECIFIC GRAVITY 20°C: (WATER =1)	Not Available
SOLUBILITY IN WATER (%)	Fully miscible
VOC:	None

SECTION 10 - STABILITY and REACTIVITY

REACTIVITY: No specific data available.

STABILITY: Product is stable.

DECOMPOSITION PRODUCTS: When heated to decomposition this product produces oxides of carbon and toxic metal oxide smoke.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong acids, alkali, and certain metals.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Keep away from incompatible materials.

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SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA:

CAS# 151-21-3 sodium dodecyl sulphate: Oral LD50 1288 mg/kg (rat)

IRRITANCY OF PRODUCT: Contact with this product can be irritating to skin and eyes. May cause eye damage.

SENSITIZATION OF PRODUCT: Ingredients in this product are not considered a sensitizer.

CARCINOGENICITY: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore are not considered to be a cancer-causing agent by these agencies.

GERM CELL MUTAGENICITY: No specific data available for this product

REPRODUCTIVE TOXICITY INFORMATION: No information available

STOT-SINGLE EXPOSURE: No specific data available for this product.

STOT-REPEATED EXPOSURE: No specific data available for this product.

ASPIRATION HAZARD: No specific data available for this product.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY: Toxic to aquatic life with long lasting effects.

PERSISTENCE AND DEGRADABILITY: No specific data available on this product.

BIOACCUMULATIVE POTENTIAL: No specific data available on this product.

MOBILITY IN SOIL: No specific data available on this product.

RESULTS OF PBT AND vPvB ASSESSMENT: No specific data available on this product.

OTHER ADVERSE EFFECTS: No specific data available on this product.

WATER ENDANGERMENT CLASS: No data available. At present there are no ecotoxicological assessments for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

THIS PRODUCT IS HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS NUMBER and DESCRIPTION: N/A

UN IDENTIFICATION NUMBER: N/A

PACKING GROUP: N/A

DOT LABEL(S) REQUIRED: N/A

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2016): N/A

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is Not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is Not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is classified as Dangerous Goods, by rules of IATA:

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc sulfate heptahydrate)

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is classified as Dangerous Goods by the International Maritime Organization.

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc sulfate heptahydrate)

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SECTION 15 - REGULATORY INFORMATION

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: No Fire: No Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): None of the ingredients are on the California Proposition 65 lists.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS:All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Classified per WHMIS 2015.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed or Exempt
Australian Inventory of Chemical Substances (AICS):	Listed or Exempt
Korean Existing Chemicals List (ECL):	Listed or Exempt
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed or Exempt
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed or Exempt
Swiss Giftlist List of Toxic Substances:	Listed or Exempt
U.S. TSCA:	Listed

SECTION 16 - OTHER INFORMATION

PREPARED BY: Chris Eigbrett

MSDS to GHS Compliance

Disclaimer:

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