

# SAFETY DATA SHEET

## Dr. Naylor Dehorning Paste



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

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Dr. Naylor Dehorning Paste**  
PRODUCT DESCRIPTION: Quick, safe, economical. No cutting, no bleeding. This product is packaged in a 4 oz. jar.  
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](http://www.drnaylor.com)  
DATE OF PREPARATION: August 4, 2020  
DATE OF PRIOR VERSION: October 29, 2017

### SECTION 2 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW:

**PRODUCT DESCRIPTION:** This product is a light red paste with no odor.

**HEALTH HAZARDS:** Corrosive, may cause skin burns and eye damage.

**FLAMMABILITY:** This product is not a flammable paste.

**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:

Calcium dihydroxide, Sodium hydroxide

#### GHS HAZARD CLASSIFICATION(S):

Metal Corrosive Category 1

Skin Corrosive Category 1

Eye Damage Category 1

#### HAZARD STATEMENTS:

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

#### PREVENTION STATEMENTS:

P234 Keep only in original container.

P260 Do not breathe mist/vapors/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection.

#### RESPONSE STATEMENTS:

P390 Absorb spillage to prevent material damage.

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, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P363 Wash contaminated clothing before reuse.

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.

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### STORAGE STATEMENTS:

P405 Store locked up.

P406 Store in corrosive resistant container with a resistant inner liner.

### 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.

## SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	WT %	HAZARD CLASSIFICATION:
Calcium dihydroxide	1305-62-0	20-40%	EYE DAM CAT 1, SKIN IRRIT CAT 2, STOT SE CAT 3
Sodium hydroxide	1310-73-2	20-40%	MET CORR CAT 1, SKIN CORR CAT 1, EYE DAM CAT 1
Glycerol	56-81-5	10-20%	NOT CLASSIFIED

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:**

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.

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### 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.

### SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

#### EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA
Calcium dihydroxide	1305-62-0	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Sodium hydroxide	1310-73-2	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Glycerol	56-81-5	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

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

<b>PHYSICAL STATE:</b>	Paste
<b>APPEARANCE &amp; ODOR:</b>	Light red paste with no odor
<b>ODOR THRESHOLD (PPM):</b>	Not Available
<b>FLASH POINT:</b>	Not Available
<b>AUTOIGNITION TEMPERATURE:</b>	Not Available
<b>FLAMMABLE LIMITS (in air by volume, %):</b>	Not Established
<b>EXPLOSION PROPERTIES:</b>	Product is not explosive.
<b>VAPOR PRESSURE (mmHg):</b>	23 hPa (17 mm Hg)
<b>VAPOR DENSITY (AIR=1):</b>	Not Available
<b>DENSITY at 20°C (68°F):</b>	2.0 - 2.1 g/cm <sup>3</sup> (16.69 - 17.525 lbs/gal) (Estimate)
<b>EVAPORATION RATE (nBuAc = 1):</b>	Not Available
<b>BOILING POINT (C°):</b>	80-100 °C (176-212 °F) (Estimate)
<b>MELTING POINT (C°):</b>	Not Available
<b>pH:</b>	Not Available
<b>SPECIFIC GRAVITY 20°C: (WATER =1)</b>	Not Available
<b>SOLUBILITY IN WATER (%)</b>	Not miscible or difficult to mix.
<b>VOC:</b>	None

### SECTION 10 - STABILITY and REACTIVITY

**REACTIVITY:** No specific data available.

**STABILITY:** Product is stable.

**DECOMPOSITION PRODUCTS:** No data available.

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** Strong acids.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**CONDITIONS TO AVOID:** Keep away from incompatible materials.

### SECTION 11 - TOXICOLOGICAL INFORMATION

**TOXICITY DATA:** No specific data available for this product.

**IRRITANCY OF PRODUCT:** Contact with this product can be irritating to skin and eyes.

**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:** No specific data available on this product.

**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.**

**NOTE:** Limited Quantity for packages less than 30 kg and inner packagings less than 1 L.

**PROPER SHIPPING NAME:** Sodium Hydroxide Solution, Mixture

**HAZARD CLASS NUMBER and DESCRIPTION:** Corrosive Substance, Class 8

**UN IDENTIFICATION NUMBER:** UN1824

**PACKING GROUP:** PGII

**DOT LABEL(S) REQUIRED:** Corrosive Substance, Class 8

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2016):** 154

**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 classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

**TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:**

This product is 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:

**INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:**

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

### 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

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**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: Yes

**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

**HMIS Rating (Scale 0-4)**

Health hazard: 1

Flammability: 0

Physical Hazard: 0

**NFPA Rating (Scale 0-4)**

Health hazard: 1

Flammability: 0

Physical Hazard: 0

**Abbreviations and acronyms**

<b>ACGIH</b>	<i>American Conference of Governmental Industrial Hygienists</i>
<b>CFR</b>	<i>Code of Federal Regulations</i>
<b>DOT</b>	<i>Federal Department of Transportation</i>
<b>GHS</b>	<i>The Globally Harmonized System of Classification and Labelling of Chemicals</i>
<b>HMIS</b>	<i>Hazardous Material Identification System</i>
<b>HCS</b>	<i>Hazard Communication Standard</i>
<b>IARC</b>	<i>International Agency for Research on Cancer</i>
<b>IATA</b>	<i>The International Air Transport Association</i>
<b>ICAO</b>	<i>The International Civil Aviation Organization</i>
<b>IMDG</b>	<i>International Maritime Dangerous Goods</i>
<b>IMO</b>	<i>International Maritime Organization</i>
<b>LD50/LC50</b>	<i>Lethal Concentration/Dose, 50 percent</i>
<b>NFPA</b>	<i>National Fire Protection Association</i>
<b>NIOSH</b>	<i>National Institute for Occupational Safety and Health</i>
<b>NTP</b>	<i>National Toxicology Program</i>
<b>OSHA</b>	<i>Occupational Safety and Health</i>
<b>PEL</b>	<i>Permissible Exposure Limit</i>
<b>SARA</b>	<i>Superfund Amendments and Reauthorization Act</i>
<b>TLV</b>	<i>ACGIH Threshold Limit Value</i>
<b>TWA</b>	<i>Time-Weighted Average</i>

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**MSDS to GHS Compliance**

[www.MSDStoGHS.com](http://www.MSDStoGHS.com)

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