

SAFETY DATA SHEET

Dr. Naylor Red-Kote Aerosol



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

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Dr. Naylor Red-Kote Aerosol**
PRODUCT DESCRIPTION: Pharmaceutical. This product is an antiseptic, non drying wound dressing designed to fight infection and speed healing. Provides fast healing for lacerations, wire cuts, scratches, burns, chafes, slow healing ulcers and other superficial animal wounds. This product is packaged in a 4 oz (128 gram) aerosol can, with a red twist to spray cap.
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: May 4, 2018

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

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

HEALTH HAZARDS: May cause irritation to the eyes. May cause skin irritation or allergic reaction. Prolonged or repeated exposure may cause organ damage.

FLAMMABILITY: This product is a flammable aerosol.

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:

Rosin, Isopropyl Alcohol, Phenol, Bornam-2-one, Oils, cedar leaf, Thyme Oil, Cineole

GHS HAZARD CLASSIFICATION(S):

Flammable Aerosol Category 1
Gases Under Pressure
Skin Irritation Category 2
Eye Irritation Category 2A
Skin Sensitization Category 1
Germ Cell Mutagenicity Category 2
Specific Target Organ Toxicity – Repeated Exposure – Category 2

HAZARD STATEMENTS:

H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H373 May cause damage to the kidneys, the liver, the skin and the nervous system through prolonged or repeated exposure.

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PREVENTION STATEMENTS:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe mist/vapors/spray.
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P272 Contaminated work clothing must not be allowed out of the workplace.

RESPONSE STATEMENTS:

- P302+P352 IF ON SKIN: Wash with plenty of water.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P308+P313 IF exposed or concerned: Get medical advice/attention.

STORAGE STATEMENTS:

- P405 Store locked up.

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; |
|------------------------|-----------|--------|--|
| Isopropyl Alcohol | 67-63-0 | 20-40% | FLAM LIQ CAT 2, EYE IRRIT CAT 2, STOT SE CAT 3 |
| Linseed Oil | 8001-26-1 | 10-20% | NOT CLASSIFIED |
| Rosin | 8050-09-7 | 10-20% | SKIN SENS CAT 1 |
| Phenol | 108-95-2 | <3% | ACUTE TOX CAT 3(ORAL, DERMAL, INHAL), MUTA CAT 2, STOT RE CAT 2, SKIN CORR CAT 1 |
| Bornan-2-one | 76-22-2 | <1% | FLAM SOL CAT 2, STOT SE CAT 2, ACUTE TOX CAT 4 (ORAL, INHAL) |
| Oils, cedar leaf | 8007-20-3 | <1% | ACUTE TOX CAT 4 (ORAL), SKIN SENS CAT 1 |
| Thyme Oil | 8007-46-3 | <1% | FLAM LIQ CAT 3, SKIN CORR CAT 1, ACUTE TOX CAT 4 (ORAL), SKIN SENS CAT 1 |
| Cineole | 470-82-6 | <1% | FLAM LIQ CAT 3, SKIN SENS 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:

Combustion may create toxic and irritating fumes.

Explosion Sensitivity to Mechanical Impact:

Not Sensitive.

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Explosion Sensitivity to Static Discharge:
SPECIAL FIRE-FIGHTING PROCEDURES:
NFPA Rating System



Not Sensitive
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.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

| Chemical Name | CAS# | ACGIH TWA | OSHA TWA |
|-------------------|-----------|---------------------|------------------------------|
| Linseed Oil | 8001-26-1 | Not Listed | Not Listed |
| Rosin | 8050-09-7 | Not Listed | Not Listed |
| Isopropyl Alcohol | 67-63-0 | 400 ppm | 200 ppm |
| Phenol | 108-95-2 | Not Listed | 19 mg/m ³ , 5 ppm |
| Bornan-2-one | 76-22-2 | 2 mg/m ³ | 2 mg/m ³ |
| Oils, cedar leaf | 8007-20-3 | Not Listed | Not Listed |
| Thyme Oil | 8007-46-3 | Not Listed | Not Listed |
| Cineole | 470-82-6 | 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: Recommended 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.

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SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

| | |
|---|--|
| PHYSICAL STATE: | Liquid |
| APPEARANCE & ODOR: | Dark Red with a characteristic odor. |
| ODOR THRESHOLD (PPM): | Not Available |
| FLASH POINT: | Flammable Aerosol |
| AUTOIGNITION TEMPERATURE: | >400 °C (>752 °F)) |
| FLAMMABLE LIMITS (in air by volume, %): | Not Established |
| EXPLOSION PROPERTIES: | Product is not explosive. However, formation of explosive air/vapor mixtures are possible. |
| VAPOR PRESSURE (mmHg): | Not Available |
| VAPOR DENSITY (AIR=1): | Not Available |
| EVAPORATION RATE (nBuAc = 1): | Not Available |
| BOILING POINT (C°): | Not Available |
| 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 nitrogen.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong acids, alkalis, oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Keep away from ignition sources, incompatible materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA:

108-95-2 phenol: Oral LD50 270 mg/kg (mouse)
317 mg/kg (rat)
Dermal LD50 669 mg/kg (rat)
850 mg/kg (rabbit)
Inhalation LC50/4h 316 mg/

IRRITANCY OF PRODUCT: Contact with this product can cause damage to eyes and skin irritation.

SENSITIZATION OF PRODUCT: Ingredients in this product are considered a skin sensitizer.

CARCINOGENICITY: None or more of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore are not considered to be, nor suspected to be a cancer-causing agent by these agencies.

GERM CELL MUTAGENICITY: This product contacts an ingredient that is suspected to be a Germ Cell Mutagen.

REPRODUCTIVE TOXICITY INFORMATION: No information available

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

STOT-REPEATED EXPOSURE: May cause damage to organs.

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.

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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: Tinctures, medicinal

HAZARD CLASS NUMBER and DESCRIPTION: Aerosols, flammable

UN IDENTIFICATION NUMBER: UN1950

PACKING GROUP: N/A

DOT LABEL(S) REQUIRED: Flammable Gas, Class 2.1

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2016): 126

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

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: Yes 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 |

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SECTION 16 - OTHER INFORMATION

PREPARED BY: Chris Eigbrett

MSDS to GHS Compliance

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