

2020 SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

TRADE NAME: Red Wing All Natural Boot Oil 8oz (Product 97103)

MANUFACTURERS NAME:
ADDRESS:
TELEPHONE:
DATE PREPARED
OR REVISED: Revised: July 24, 2015

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS: None

CHEMICAL NAME: Not Applicable

FAMILY OR COMMON NAMES: Contains Pine Pitch and Mink Oil

OSHA PERMISSIBLE EXPOSURE LIMIT (PEL): No OSHA permissible exposure limits (PEL), ACGIH threshold limit values (TLV), or immediately dangerous to life and health values (IDLH) have been established for any of the raw materials used in this product. This product contains no chemicals subject to the reporting requirements of SARA Title III, Section 313 (40CFR Part 372).

SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS

FAMILY OR COMMON NAMES: Contains Pine Pitch and Mink Oil Oily

APPEARANCE: Liquid. Light pine odor.

COLOR: Amber brown.

BOILING POINT: 280 degrees F (mink oil)

SPECIFIC GRAVITY: (H2O = 1): 0.96

Floats on water.
Insoluble in water.

MELTING POINT: 14 degrees F (mink oil).

VAPOR PRESSURE
(mmHg AT 20 degrees C): Very low. (** see below: VOC compliant)

VAPOR DENSITY (Air = 1): 4.5 (mink oil).

EVAPORATION RATE:
(Butyl Acetate = 1): Very low.

TOTAL VOLATILE MATTER: 0.85 wt%
(VOC) RW Boot Oil is VOC compliant.

SECTION IV – FIRST AID MEASURES

ROUTES OF ENTRY: Inhalation: Yes; Skin: Yes; Ingestion: Yes.

HEALTH HAZARDS (Acute and Chronic): Normal use is not expected to cause health effects. Prolonged exposure may cause eye, skin, or throat irritation. Material is a weak allergen and may cause contact dermatitis (skin rash), respiratory distress, and/or asthma in some people. Ingestion can irritate the entire digestive tract and may injure kidneys. If product is taken into the lungs, results in severe lung inflammation.

SYMPTOMS OF OVEREXPOSURE:

- Inhaled:** Headache, confusion, respiratory distress.
- Contact with Skin or Eyes:** Irritation.
- Absorption through Skin:** Not applicable.
- Swallowed:** May cause nausea, digestive tract distress.

CARCINOGENICITY:

- NTP:** No
- IARC Monographs:** No
- OSHA Regulated:** No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Persons with eye, nose, throat or allergic conditions may be more sensitive. Persons exposed to certain cutting oils containing pine rosin, turpentine, or other products such as cleaners containing pine oil, may be more sensitive to health effects from this product.

EMERGENCY FIRST AID PROCEDURES:

For boot oils in eyes, wipe out, flush with water for 15 minutes. If irritation persists, seek medical attention. For inhalation, remove person to fresh air, give artificial respiration as needed, seek medical attention as needed. If swallowed, do not induce vomiting. Seek medical attention. For skin contact: wipe off, wash with soap and water.

SECTION V - FIRE AND EXPLOSION DATA

FLASH POINT: Greater than 150 degrees F in closed cup test.

FLAMMABLE LIMITS

- LEL:** Not available.
- UEL:** Not available.

FIRE EXTINGUISHING MATERIALS: For small fires use dry chemical, carbon dioxide, water spray, or alcohol foam extinguishers. Use water spray, fog, or alcohol foam extinguishers for large fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dense smoke may be released. The thermal decomposition products can be irritating to the eyes, nose, and throat.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up.

SECTION VI – ACCIDENTAL RELEASE INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SPILLS: Absorb on sand or other non-combustible absorbent, and place into container for disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with Federal, State and Local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid breaking product containers or spilling bulk material. Dispose of in open containers. Spontaneous combustion may occur.

OTHER PRECAUTIONS: Avoid sources of ignition. Fumes and smoke from decomposition products are irritating.

WARN YOUR EMPLOYEES ABOUT CHEMICAL HAZARDS AND PRECAUTIONS TO BE USED BY POSTING THIS MSDS. PROVIDE SAFE CHEMICAL USE TRAINING TO YOUR EMPLOYEES.

See OSHA Hazard Communication Rule 29CFR1 910.1200 and State and Local Worker Community "Right to Know" laws and regulations.

SECTION VII – HANDLING AND STORAGE INFORMATION

RESPIRATORY PROTECTION (type):

No NIOSH or MSHA respiratory selection recommendations have been established. Use supplied air breathing apparatus in fire situations.

VENTILATION AND ENGINEERING CONTROLS:

Use sufficient local exhaust to reduce any disagreeable odors to the level desired. See ACGIH 'Industrial Ventilation - A Manual of Recommended Practice' the latest edition.

EYE PROTECTION (type):

Usually not needed. Wear protective safety glasses when exposure to material or vapors from heated product are of concern.

PROTECTIVE GLOVES:

Use synthetic rubber gloves if skin contact is expected to be prolonged.

OTHER CLOTHING AND EQUIPMENT:

Provide eye wash in situations where accidental eye contact is possible.

WORK PRACTICES, HYGIENIC PRACTICES:

Minimize direct contact. Clean up spills promptly. Train all employees on handling product before they work with it.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Protect containers from physical damage. Handle with care to prevent spillage.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA PERMISSIBLE EXPOSURE LIMIT (PEL):

No OSHA permissible exposure limits (PEL), ACGIH threshold limit values (TLV), or immediately dangerous to life and health values (IDLH) have been established for any of the raw materials used in this product. This product contains no chemicals subject to the reporting requirements of SARA Title III, Section 313 (40CFR Part 372).

RESPIRATORY PROTECTION (type):

No NIOSH or MSHA respiratory selection recommendations have been established. Use supplied air breathing apparatus in fire situations.

VENTILATION AND ENGINEERING CONTROLS:

Use sufficient local exhaust to reduce any disagreeable odors to the level desired. See ACGIH 'Industrial Ventilation - A Manual of Recommended Practice' the latest edition.

EYE PROTECTION (type):

Usually not needed. Wear protective safety glasses when exposure to material or vapors from heated product are of concern.

PROTECTIVE GLOVES:

Use synthetic rubber gloves if skin contact is expected to be prolonged.

OTHER CLOTHING AND EQUIPMENT:

Provide eye wash in situations where accidental eye contact is possible.

WORK PRACTICES, HYGIENIC PRACTICES:

Minimize direct contact. Clean up spills promptly. Train all employees on handling product before they work with it.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Protect containers from physical damage. Handle with care to prevent spillage.

SECTION VIII - PHYSICAL & CHEMICAL CHARACTERISTICS

APPEARANCE:

Oily liquid. Light pine odor.

COLOR:

Amber brown.

BOILING POINT:

280 degrees F (mink oil)

SPECIFIC GRAVITY:

(H₂O = 1): 0.96

Floats on water.

Insoluble in water.

MELTING POINT:

14 degrees F (mink oil).

VAPOR PRESSURE

(mmHg AT 20 degrees C):

Very low. (** see below: VOC compliant)

VAPOR DENSITY (Air = 1):

4.5 (mink oil).

EVAPORATION RATE:
(Butyl Acetate = 1):

Very low.

TOTAL VOLATILE MATTER:
(VOC)

0.85 wt%
RW Boot Oil is VOC compliant.

SECTION X - REACTIVITY DATA

Stability: Stable

Incompatibility (materials to avoid): Strong acids and strong oxidizing agents.

Hazardous Decomposition Products Including Combustion Products: Carbon monoxide, carbon dioxide, formaldehyde, dense smoke.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Heating with open flame.

SECTION XI – TOXICOLOGICAL INFORMATION

HEALTH HAZARDS (Acute and Chronic): Normal use is not expected to cause health effects. Prolonged exposure may cause eye, skin, or throat irritation. Material is a weak allergen and may cause contact dermatitis (skin rash), respiratory distress, and/or asthma in some people. Ingestion can irritate the entire digestive tract and may injure kidneys. If product is taken into the lungs, results in severe lung inflammation.

SYMPTOMS OF OVEREXPOSURE:

Inhaled: Headache, confusion, respiratory distress.

Contact with Skin or Eyes: Irritation.

Absorption through Skin: Not applicable.

Swallowed: May cause nausea, digestive tract distress.

CARCINOGENICITY:

NTP: No

IARC Monographs: No

OSHA Regulated: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Persons with eye, nose, throat or allergic conditions may be more sensitive. Persons exposed to certain cutting oils containing pine rosin, turpentine, or other products such as cleaners containing pine oil, may be more sensitive to health effects from this product.

SECTION XII – ECOLOGICAL INFORMATION

AQUATIC TOXICITY: No further relevant information available.

BIODEGRADATION POTENTIAL: No further relevant information available.

BIOACCUMULATION POTENTIAL: No further relevant information available.

GROUNDWATER LEACHING POTENTIAL: Slightly hazardous for water, do not allow product to reach groundwater or sewer system.

OTHER ADVERSE EFFECTS: No further relevant information available.

SECTION XIII – DISPOSAL INFORMATION

WASTE WATER TREATMENT METHODS:

Contact waste processors for recycling information. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state, and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Disposal of uncleaned packaging must be made according to official regulations.

SECTION XIII – TRANSPORT INFORMATION

UN-NUMBER

DOT, ADR, AND, IMDG, IATA	Not Regulated
UN-PROPER SHIPPING NAME	
DOT, ADR, AND, IMDG, IATA	Not Regulated
UN-TRANSPORT HAZARD CLASS(ES)	
DOT, ADR, AND, IMDG, IATA	Not Regulated
PACKAGING GROUP	
DOT, ADR, IMDG, IATA	Not Regulated
ENVIRONMENTAL HAZARDS: MARINE POLLUTANT	No
SPECIAL PRECAUTIONS FOR USER	Not Applicable
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE	Not Applicable

SECTION XV – REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)

SARA

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

Chemicals none to cause the following:

Cancer, Reproductive toxicity for females or males, developmental toxicity: None of the ingredients are listed.

EPA (Environmental Protective Agency): None of the ingredients are listed.

IARC (International Agency for Research on Cancer): None of the ingredients are listed.

TLV (Threshold Limit Value established by ACGIH): None of the ingredients are listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.

SECTION XV – OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. Since the use of this information and the conditions and use of this product are controlled by the user, it is the user's obligation to determine the conditions of safe use of the product. Consequently, Montana Pitch-Blend Products accepts no responsibility and disclaims all liability for any harmful effects which may be caused by exposure to our products.

This Material Safety Data Sheet was prepared by: Thomas A. Bauckham, CIH, CSP. March 12, 1993

Revised on March 26, 1999 by Patsy Brunner. Revised on June 27, 2008 by Francesca Weeks. Revised on July 24, 2015 by Patrick Powers.