



## SAFETY DATA SHEET

### Section 1: Identification

**Product Name:** NV Earth Bar & Chain Oil  
**Product Description:** Bio-based oil for chainsaw bars & chains  
**Recommended Use:** Chainsaws  
**Use Restrictions:** Not for internal engine use  
**Manufacturer / Supplier:** **Dynamic Green Products**  
3130 Paseo Mercado Oxnard, CA USA  
Tel: (844) NV-EARTH (63-32784)  
Website: www.nvearth.com

**Emergency Phone Number:** (844) NV-EARTH (68-32784) or local 911

### Section 2: Hazards Identification

**OSHA/HCS status:** This material is not considered hazardous by the OSHA Hazard communication Standard 29 CFR 1910 1200.

**Classification of the Substance or Mixture:** Not classified

**Label Elements:**

**Hazard Pictograms:** Not applicable

**Signal Word:** None

**Appearance:** Golden color

**Physical State:** Liquid

**Odor:** Odorless

**Hazard Statement:** No known health hazards

**Precautionary Statements:**

**Prevention:** Not applicable

**Response:** Not applicable

**Storage:** Not applicable

**Disposal:** Not applicable

**Hazards Not Otherwise Classified:** None

### Section 3: Composition/Information on Ingredients

**Substance/Mixture:** Mixture

**Other Means of Identification :** Not available

**CAS Number:** Not applicable

**Hazardous Ingredients:** This product contains no known hazards under applicable laws.

#### Section 4: First Aid Measures

<b>Eyes:</b>	Flush with running water for at least 15 minutes. Get medical attention if eye irritation develops or persists.
<b>Skin:</b>	Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if eye irritation develops.
<b>Inhalation:</b>	Remove exposed person to fresh air if adverse effects are observed.
<b>Ingestion:</b>	Do not induce vomiting. Get immediate medical attention.
<b>Additional Information:</b>	Note to physician: Treat symptomatically.

#### Section 5: Fire-Fighting Measures

<b>Flash Point:</b>	>320°C (608°F)
<b>Suitable Extinguishing Media:</b>	Carbon dioxide, dry chemical, foam or water spray (fog). Water stream may splash the burning liquid and spread fire.
<b>Unsuitable Extinguishing Media:</b>	None
<b>Firefighting Procedures:</b>	Recommend wearing self-contained breathing apparatus. Use water spray to cool fire exposed drums.
<b>Hazardous Combustion Products:</b>	Smoke, fume, carbon dioxide, carbon monoxide and nitrogen oxides.
<b>Unusual Fire &amp; Explosion Hazards:</b>	Not determined

#### Section 6: Accidental Release Measures

<b>Personal Precautions:</b>	Keep unprotected persons away. Ventilate area and avoid breathing vapor or mist.
<b>Protective Equipment:</b>	Wear appropriate Personal Protective Equipment as recommended in Section 8.
<b>Emergency Procedures:</b>	Remove sources of ignition, contain spill to smallest area possible. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Grease nature will result in a slippery surface.
<b>Environmental Precautions::</b>	Prevent entry into soil, waterways, sewers or drains.
<b>Methods and Materials for Containment:</b>	Stop further leak without any risk.
<b>Methods and Materials for Cleaning Up:</b>	Use non-combustible absorbent materials such as vermiculite, sand, clay or Coco absorb to clean up the residual liquid. Place into properly labeled containers for recovery or disposal. Dispose of in accordance with local, state and federal regulations.

#### Section 7: Handling and Storage

<b>Max. Handling Temperature:</b>	70°C (158°F)
<b>Safe Handling Precautions:</b>	Avoid contact with eyes and skin. Wash thoroughly after handling. Avoid breathing vapor or mist. Use personal protection measures as recommended in Section 8.
<b>Max. Storage Temperature:</b>	45°C (113°F)
<b>Safe Storage Conditions:</b>	Keep containers tightly closed, in a cool, well-ventilated and dry area. Store away from incompatible materials. Do not store in unlabeled containers.
<b>Incompatible Materials:</b>	Strong oxidizing agents.

## Section 8: Exposure Controls/Personal Protection

<b>Exposure Limits:</b>	None established
<b>Engineering Controls:</b>	Use with adequate ventilation
<b>Eye Protection:</b>	Use safety glasses with side shields.
<b>Hand Protection::</b>	Wear chemical resistant, impervious gloves. Recommended: Nitrile gloves.
<b>Body Protection:</b>	No protective equipment is needed under normal use conditions.
<b>Respiratory Protection:</b>	Under normal use conditions, respirator is not usually required.
<b>Clothing Recommendation:</b>	Under normal use conditions, no special clothing required. Launder contaminated clothing before reuse.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Color:</b>	Golden
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	Not determined
<b>pH:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Flash Point (Closed cup):</b>	>320°C (608°F)
<b>Pour Point:</b>	-30°C (-22°F)
<b>Evaporation Rate (n-Butyl Acetate = 1):</b>	Not determined
<b>Flammability (solid, gas):</b>	Not applicable
<b>Upper Flammable Limit:</b>	Not determined
<b>Lower Flammable Limit:</b>	Not determined
<b>Explosive Data:</b>	Material does not have explosive properties
<b>Vapor Pressure:</b>	Not applicable
<b>Vapor Density (Air = 1):</b>	Not determined
<b>Relative Density:</b>	0.92
<b>Bulk Density:</b>	Not determined
<b>Water Solubility:</b>	Insoluble
<b>Partition Coefficient (n-Octanol/Water):</b>	Not determined
<b>Auto-Ignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined
<b>Kinematic Viscosity @40 °C:</b>	97-104 cSt
<b>VOC content (%):</b>	Not determined
<b>Melting/Freezing Point:</b>	Not determined

## Section 10: Stability and Reactivity

<b>Reactivity:</b>	Not reactive under normal storage conditions
<b>Chemical Stability:</b>	The product is stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal conditions of storage and use.
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Excessive temperature
<b>Incompatible Materials:</b>	Strong oxidizing agents
<b>Hazardous Decomposition</b>	Smoke, Carbon Dioxide, Carbon Monoxide, Aldehydes, Nitrogen Oxides and

**Products:** incomplete combustion products.

## Section 11: Toxicological Information

### -- ACUTE EXPOSURE --

**Eye Irritation:** Not expected to cause eye irritation. Based on data from components or similar

**Skin Irritation:** Not expected to be a primary skin irritant. Based on data from components or similar materials.

**Respiratory Irritation:** Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem.

**Dermal Toxicity:** No data available

**Inhalation Toxicity:** No data available

**Oral Toxicity:** No data available

**Dermal Sensitization:** No data available

**Inhalation Sensitization:** No data available

### -- CHRONIC EXPOSURE --

**Chronic Toxicity:** No data available

**Carcinogenicity:** No data available

**Mutagenicity:** No data available

**Reproductive Toxicity:** No data available

**Teratogenicity:** No data available

### -- Additional Information --

**Other:** No other health hazards known.

## Section 12: Ecological Information

### -- ENVIRONMENTAL TOXICITY --

**Fish Toxicity:** No data available

**Algae Toxicity:** No data available

**Bacteria Toxicity:** No data available

**Miscellaneous toxicity:** No data available

### -- ENVIRONMENTAL FATE --

**Biobased Content:** >90% (exceeds the USDA's minimum requirement for chain and cable lubricants )

**Biodegradation:** This product is rated Ultimate Biodegradable in which it will biodegrade greater than or equal to 60% in 28 days.

**Bioaccumulation:** This material displays no potential to bioconcentrate.

**Mobility in Soil:** No information available

**Other Adverse Effects:** No information available

## Section 13: Disposal Considerations

**Waste Disposal:** This material if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Waste must be disposed of in accordance with federal, state and local environmental control regulations. Prevent product spill from entering into soil, waterways, sewers and drains.

**Section 14: Transport Information**

	<b>DOT Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN Number</b>	Not regulated	Not regulated	Not regulated
<b>UN Proper Shipping Name</b>	-	-	-
<b>Transport Hazard Class(es)</b>	-	-	-
<b>Packing Group</b>	-	-	-
<b>Environmental Hazards</b>	No	No	No
<b>Additional Information</b>	-	-	-

**Special Precautions for User:** *Transport within user's premises:* Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not available

**Section 15: Regulatory Information**

**-- Global Chemical Inventories --**

**USA:** All components of this material are on the US TSCA Inventory or are exempt  
**Canada:** All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

**-- Other U.S. Federal Regulations --**

**SARA Ext. Haz. Subst.:** This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

**SARA Section 313:** This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

**SARA 311 Classification:**

Acute Hazard	No
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No

**CERCLA Hazardous Substances:** None known

**EPCRA:** None known

**-- State Regulations --**

**CA Prop 65:** This product contains no ingredients known to the State of California to cause cancer and/or birth defects.

**Section 16: Other Information**

<b>NFPA Rating</b>	<b>Health – 0</b>	<b>Flammability – 1</b>	<b>Instability/Reactivity – 0</b>
<b>HMIS Rating</b>	<b>Health – 0</b>	<b>Flammability – 1</b>	<b>Physical Hazard – 0</b>