

SAFETY DATA SHEET

Section 1: Identification

Product Name: DGP Pro100 Bar & Chain Oil
Product Description: Bio-based oil for chainsaw bars & chains
Recommended Use: Chainsaws and harvesters
Use Restrictions: Not for internal engine use
Manufacturer / Supplier: **Dynamic Green Products**
11757 Katy Frwy, Houston, TX 77079
Tel: (855) BIO-OILS (246-6457)
Website: www.dgpworks.com
info@dgpworks.com
Emergency Phone Number: (800) 222-1222 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: Amber to Golden
Physical State: Liquid
Odor: Slight wheat
Hazard Statement: No known health hazards
Precautionary Statements:
Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Always dispose according to local regulations
Hazards Not Otherwise Classified: None

Section 3: Composition/Information on Ingredients

Substance/Mixture:	Soybean Oil	CAS 8001-22-7	50-96%
	Canola Oil	CAS 120962-03-0	1-96%
	Bio Additive	Proprietary	4-14%

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

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

Section 5: Fire-Fighting Measures

Flash Point:	>270°C (>520°F)
Suitable Extinguishing Media:	Carbon dioxide, dry chemical, foam or water spray (fog). Water stream may splash the burning liquid and spread fire.
Unsuitable Extinguishing Media:	None
Firefighting Procedures:	Recommend wearing self-contained breathing apparatus. Use water spray to cool fire exposed drums.
Hazardous Combustion Products:	Smoke, fume, carbon dioxide, carbon monoxide and nitrogen oxides.
Unusual Fire & Explosion Hazards:	Not determined, unknown

Section 6: Accidental Release Measures

Personal Precautions:	Keep unprotected persons away. Ventilate area and avoid breathing vapor or mist.
Protective Equipment:	Wear appropriate Personal Protective Equipment as recommended in Section 8.
Emergency Procedures:	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.
Environmental Precautions::	Prevent entry into soil, waterways, sewers or drains.
Methods and Materials for Containment:	Stop further leak without any risk.
Methods and Materials for Cleaning Up:	Use non-combustible absorbent materials such as vermiculite, sand, clay or coconut coir 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

Max. Handling Temperature:	70°C (158°F)
Safe Handling Precautions:	Avoid contact with eyes and skin. Wash thoroughly after handling. Avoid breathing vapor or mist. Use personal protection measures as recommended in Section 8.
Max. Storage Temperature:	55°C (131°F)
Safe Storage Conditions:	Keep containers tightly closed, in a cool, well-ventilated and dry area. Store away from incompatible materials. Do not store in unlabeled containers.
Incompatible Materials:	Strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

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

Section 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Amber to Golden
Odor:	Slight wheat
Odor Threshold:	Not determined
pH:	Not determined
Boiling Point:	Not determined
Flash Point:	>270°C (520°F)
Pour Point:	-29°C (-21°F)
Evaporation Rate (n-Butyl Acetate = 1): Flammability (solid, gas): Upper Flammable Limit: Lower Flammable Limit:	Not determined Not applicable Not determined Not determined
Explosive Data:	Material does not have explosive properties
Vapor Pressure:	Not applicable
Vapor Density (Air = 1):	Not determined
Relative Density:	0.88-.92
Bulk Density:	Not determined
Water Solubility: Partition Coefficient (n-Octanol/ Water):	Insoluble Not determined
Auto-Ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Kinematic Viscosity @40 °C:	90-110 cSt
VOC content (%):	0
Melting/Freezing Point:	Not determined

Section 10: Stability and Reactivity

Reactivity:	Not reactive under normal storage conditions
Chemical Stability:	The product is stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal conditions of storage and use.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Excessive temperature
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition	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: Not expected or known

Inhalation Toxicity: None below flash point

Oral Toxicity: No data available

Dermal Sensitization: No data available

Inhalation Sensitization: No data available

-- CHRONIC EXPOSURE --

Chronic Toxicity: Not expected based on data

Carcinogenicity: Not expected based on data

Mutagenicity: None based on Canola data

Reproductive Toxicity: No data available but not expected

Teratogenicity: No data available but not expected

-- Additional Information --

Other: No other health hazards known.

Section 12: Ecological Information

-- ENVIRONMENTAL TOXICITY --

Fish Toxicity: >100ppm OECD 203

Algae Toxicity: > 1000mg

Bacteria Toxicity: No data available

Miscellaneous toxicity: Not expected

-- 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 60% in 28 days when exposed to microorganisms and water.

Bioaccumulation: This material displays no potential to bioaccumulate.

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

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

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

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