

Processed Seed Oil Product

Material Safety Data Sheet

Abbreviations used on this Material Safety Data Sheet:

n/av. = not available

n/ap. =not applicable

ppm = parts per million

TLV= Threshold Limit Value

SECTION 1 – PRODUCT and COMPANY IDENTIFICATION

PRODUCT TRADE NAME: ‘NannöLube Chainsaw Bar Lubricant’

SYNONYM: Modified seed oil

PRODUCT DESCRIPTION: Seed oil derivative

CHEMICAL FAMILY: Processed seed oil

SUPPLIER: AireSun Global Limited

ADDRESS: 20 Dominion Street Glace Bay, Nova Scotia, B1A 3M6

PRODUCT USE: Chainsaw bar chain lubricant

PREPARED BY: MSDS Coordinator, AireSun Global Limited +1.902.982.1601

PREPARATION/REVISION DATE: January, 2017

SECTION 2—COMPOSITION/ INFORMATION ON INGREDIENTS

This product contains no hazardous ingredients in quantities as defined under the Canadian Hazardous Products Act S.C. 1987, C.30 (Part 1)

SECTION 3 – HAZARDS IDENTIFICATION

INHALATION: Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness, and nausea. Remove to fresh air.

EYE CONTACT: May cause irritation. Irrigate eye with warm water. Seek medical attention if symptoms persist.

SKIN CONTACT: Not classified as a skin irritant or corrosive material. Prolonged or repeated contact is not likely to cause significant skin irritation.

INGESTION: Ingestion incidental to industrial exposure is not anticipated to be hazardous.

SECTION 4 – FIRST AID MEASURES

INHALATION: If required, remove victim to fresh air. Seek medical attention.

EYE CONTACT: Flush eyes with water for short period. Seek medical attention if irritation persists.

SKIN CONTACT: Prolonged or repeated use not likely to cause skin irritation. If needed, wash with soap and water.

INGESTION: No hazard anticipated from ingestion incidental to industrial exposure.

Processed Seed Oil Product**SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED): >130°C (ASTM92)

FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER Not applicable

FLAMMABLE LIMITS IN AIR, % BY VOL. UPPER Not applicable

FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Use water spray (fog), dry chemical, foam or carbon dioxide. Water stream can splash burning liquid and spread fire, but may be used to keep fire exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Soaked rags can cause spontaneous combustion if not handled properly. Keep soaked rags in an approved container or let dry individually in a well ventilated area. Before disposal, wash rags with soap and water and dry in a well ventilated area. Firefighters should wear self-contained breathing apparatus when there is the possibility of exposure to smoke, fumes or hazardous decomposition products.

SECTION 6-ACCIDENTAL RELEASE MEASURES/SPILL CLEAN-UP PROCEDURES

Remove sources of ignition and contain the spill to the smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, oil absorbent granular products, sand or dirt. Remove sources of ignition Wash hard surfaces with a safety solvent or detergent to remove remaining oil film or a slippery surface will result. Recover large spills for salvage or disposal. Follow municipal, provincial and federal disposal regulations.

SECTION 7-HANDLING and STORAGE

Keep in closed containers between 10° C and 50° C. Keep away from oxidizing agents, excessive heat, and ignition sources. Store out of sun. Store and use in well ventilated areas. Do not store or use near heat, spark or flame.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: In large volumes, handle in the presence of adequate ventilation. If vapors or mists are generated, wear NIOSH approved organic/mist respirator.

PROTECTIVE CLOTHING: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing.

SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	ODOR AND APPEARANCE:	Pale yellow liquid at room temperature, mild odor
VAPOR PRESSURE(air=1):		EVAPORATION RATE(Butyl Acetate=1):	
VAPOR DENSITY(Air=1):	: >1	SPECIFIC GRAVITY:	0.935±5% at 20 ⁰ C
BOILING POINT(°C):	760 mm Hg:>200° C	VOLATILES, % BY VOLUME:	< 2
		SOLUBILITY IN H ₂ O, % BY VOLUME	Insoluble

Processed Seed Oil Product**SECTION 10 – STABILITY and REACTIVITY**

CHEMICAL STABILITY:	This product is stable and hazardous polymerization will not occur
INCOMPATIBILITE MATERIALS AND CONDITIONS TO AVOID:	Strong oxidizing agents, strong reducing agents, strong acids, strong bases, strong alkalis, strong mineral acids.
HAZARDOUS DECOMPOSITION PRODUCTS:	Highly dependent on combustion conditions. Fume, smoke, carbon monoxide, carbon dioxide.

SECTION 11 – TOXICOLOGICAL PROPERTIES

Ingestion incidental to industrial exposure is not stated to be hazardous.

SECTION 12-ECOLOGICAL INFORMATION

This product does not concentrate or accumulate in the food chain. If released to soil and water, this product will biodegrade under both aerobic and anaerobic conditions. The 96 hour LC50 for this form of derived vegetable oil in bluegill fish is > 1000 mg/l.

SECTION 13-DISPOSAL CONSIDERATIONS

Do not reuse containers. Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow local, state and federal disposal regulations. If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

SECTION 14-TRANSPORT INFORMATION

UN HAZARD CLASS: N/A
 NMFC (National Motor Freight Classification)
 PROPER SHIPPING NAME: Modified vegetable oil
 IDENTIFICATION NUMBER: 073238-00
 SHIPPING CLASSIFICATION: 65

SECTION 15–REGULATORY INFORMATION

OSHA Status: This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Sections 2 and 3.

Canadian Hazardous Products Act: This product contains no hazardous ingredients as defined under the Canadian Hazardous Products Act S.C. 1987, C.30 (Part 1).

TSCA Status: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.

CERCLA (Comprehensive Response Compensation and Liability Act): NOT reportable.

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SARA Title III Section 312 Extremely Hazardous Substances: None
Section 311/312 Hazard Categories: Non-hazardous
Section 313 Toxic Chemicals: None

WHMIS Rating: Not a WHMIS controlled material.

This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

RCRA Status: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However under RCRA it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste, (40 CFR 261.20-24).

California Proposition 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act 1986: This Product contains no chemicals known to the state of California to cause cancer.

SECTION 16—OTHER INFORMATION

Read and follow all label directions and precautions before using. **KEEP OUT OF REACH OF CHILDREN.** The information presented herein has been compiled from sources believed to be dependable and is believed to be factual and accurate to the best of the company's knowledge. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of its use. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use.