



# Safety Data Sheet

## 1) Product and Company Identification

**Product Identifier** BIO-GREEN Air Tool Lubricant

**General Use** Lubrication of air tools

**Product Description:** This oil is made from a renewable food source; vegetable oils. These unique and environmentally friendly formulations demonstrate an important solution for all companies using air tools.

### COMPANY PROFILE

Honsa Ergonomic Technologies  
1300 11<sup>TH</sup> Street West  
Milan, Illinois 61264  
800-800-9371

### EMERGENCY TELEPHONE

Chemtrec  
299 Fairview Park Drive  
Falls Church, VA 22042  
800-424-9300

## 2) Hazards Identification

### GHS Label Elements

**Signal Word** WARNING  
May cause eye and skin irritation.



### Precautionary Statements

Keep container tightly closed.  
Store in cool, well ventilated place.  
Do not breathe vapors.  
Do not eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.  
Dispose of in accordance with local, regional, national, international regulations as specified.

## 3) Composition/Information on Ingredients

**Chemical Identity** BIO-GREEN

**Synonyms** Air Tool Lubricant, Tool Oil

**CAS #** Mixture

This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicology Program. This material has no known hazards when used as directed. All components of this material are on the U.S. T.S.C.A. Inventory or are exempt.

## 4) First Aid Measures

**Oral** DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.

**Eye** Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

**Skin** Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

**Inhalation** Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists, get medical attention.

## 5) Fire Fighting Measures

**Flash Point** 230° C (COC)

**Upper Flammable Limit** Not Determined.

**Lower Flammable Limit** Not Determined.

**Extinguishing Media** CO<sub>2</sub>, dry chemical, alcohol foam. Water can be used to cool and protect exposed material.

**Special Fire Fighting Procedures** Recommend wearing self-contained breathing apparatus. Water may cause splattering. Material will float on water.

## 6) Accidental Release Measures

**Steps to be taken in case material is spilled or released** Prevent entry into sewers and waterways. Pick up free liquid for recycle/disposal. Absorb small amounts on inert material for disposal.

**Waste Disposal Method** This material is non-hazardous for disposal under RCRA. Disposal should be in compliance with federal, state and local laws.

## 7) Handling and Storage

**Handling Procedures** Keep containers closed when not in use. Wash thoroughly after handling.

**Storage Procedures** Store in a cool and well ventilated place. Empty containers may retain product properties. Follow all SDS/Label warnings after container is emptied. No special storage precautions required.

**Storage Temperature** Ambient

**Storage Pressure** Atmospheric

## 8) Exposure Controls/Personal Protection

Contains vegetable oil base stock. OSHA PEL of 5 mg per cubic meter. ACGIH STEL of 10 mg per cubic meter for mineral oil mists. May cause eye and skin irritation. Low order of toxicity

**Ventilation Procedures** Use local exhaust ventilation to control mists or vapors. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.

**Glove Protection** Use nitrile or neoprene gloves.

**Eye Protection** Chemical goggles or face shield.

**Respiratory Protection** Under normal use conditions, respirator is not usually required. Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

**Clothing Recommendation** Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Launder contaminated clothing before reuse.

## 9) Physical and Chemical Properties

**Evaporation Rate** (n-Butyl Acetate=1) Approx. 0

**% Volatile:** 0

**Boiling Point** Not Determined

**Vapor Pressure** <1

**Vapor Density** (Air=1): <1

**Specific Gravity** (H<sub>2</sub>O=1): 0.89 @ 60°F

**Solubility in Water** Insoluble

**Appearance and Odor** yellow liquid mild odor

## 10) Stability and Reactivity

**Stability** Material is normally stable at moderately elevated temperatures and pressures.

**Incompatibility** Oxidizing agents.

**Polymerization** Will not occur.

**Thermal Decomposition** Smoke, carbon monoxide, aldehydes and other products of incomplete combustion

## 11) Toxicological Information

**Carcinogenicity** IARC Not Listed. OSHA Not Regulated. NTP Not Listed. No Component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH, the International

Agency For Research on Cancer (IARC) or the European Commission (EC).

**Reproductive Toxicity** This product contains no chemicals known to cause cancer, birth defects or other reproductive harm. This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicology Program.

### Health Warnings

**Inhalation** Oil mist can irritate airways and lungs.

**Skin Contact** Prolonged or repeated contact may lead to irritated skin.

**Eye Contact** Irritating to eyes.

**Ingestion** Could cause stomach ache or vomiting.

**Route of Entry** Inhalation. Skin and/or eye contact. Ingestion

## 12) Ecological Information

**Ultimate Biodegradation** Pw1>60% within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants.

**Aquatic Toxicity** LC50 is greater than 1000 ppm.

## 13) Disposal Considerations

Recycle if possible. Do not reuse containers. Dispose of in accordance with all Federal, State, and Local regulations regarding pollution and waste disposal. Product as supplied contains no listed hazardous waste. It also does not meet the definition for an unspecified corrosive or ignitable waste.

## 14) Transport Information

### Road Transport (ADR)

UN NO. Road N/A

**DOT Classification** Not regulated by DOT

**ADR Class** Not dangerous according to ADR

### Sea Transport (IMDG)

**Sea Transport Notes** Not regulated per IMDG>

### AIR TRANSPORT (IATA/ICAO)

**Air Transport Notes** Not regulated per IATA.

## 15) Regulatory Information

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

**CEPA:** All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.

**Proposition 65:** This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

**SARA313:** This product contains no toxic chemicals subject to the Requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

**STATE RIGHT-TO-KNOW:** No listing for the following: CA Prop 65,FL,MA,MI,MN,NJ,PA, RI.

**CERCLA RQ's** None

### Federal Regulations

**SEC.302/304 REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE** None

**SEC. 302 THRESHOLD PLANNING QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE** None

**SEC. 311 / 312 HAZARD CATEGORIES** None

**SEC, 313 AND 40 CFR 372 TOXIC CHEMICAL REPORTABLE INGREDIENTS** None

## 16) Other Information

### HMIS RATING

**HEALTH** 1  
**FLAMMABILITY** 1  
**REACTIVITY** 0

**WHMIS RATING:** (Canada) NOT a WHMIS controlled material

**NA** Not Available or Not Applicable

**NE** Not Established

**SDS Issue Date** 5/26/2015

**Prepared By** B. Casper

**Approved By** T.W. Honsa

**Reason for Issue** Replacing previous MSDS to meet GHS Standard

Read and follow all label directions and precautions before using the product. **KEEP OUT OF THE REACH OF CHILDREN.** Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

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