

SAFETY DATA SHEET FOR TAP IT ALL LUBRICANTS, LLC ENVIRO-GREASE™
SDS Number 100.4 Approved EMP 01/25/2017

SECTION 1: IDENTIFICATION

PRODUCT NAME: ENVIRO-GREASE™
SYNONYMS: Vegetable methyl ester based Lubricant, Bio-based grease, Floro-Grease
MANUFACTURER: Tap It All Lubricants, LLC
ADDRESS: P.O. Box 578
Colorado Springs, CO 80901
EMERGENCY PHONE: 719-200-9141
BUSINESS PHONE: 719-200-9141
FAX PHONE: None
CHEMICAL FAMILY: Patent pending, non-carcinogenic vegetable methyl ester oil/fatty acid based mixture.

- PRODUCT USE: Eco friendly, petroleum free, bio based lubricant for mechanical lubrication, and anti-corrosion applications where extreme lubricity and hydrophobic properties are desired. Always apply sparingly.

SECTION 2: HAZARD(S) IDENTIFICATION

HAZAROUS MATERIAL RATING:

Health	0
Flammability	1
Reactivity	0
Special	0
HMIS	A (Eye Protection)

EMERGENCY OVERVIEW: The grease is non-toxic, non-hazardous, non-corrosive, and
Consists solely of Biobased and inert ingredients.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause mild eye irritation
SKIN: Contact may cause mild skin irritation
INGESTION: May cause Gastrointestinal Distress and/or Diarrhea
INHALATION: NA

ACUTE HEALTH HAZARDS: Not Available. This product does not contain any chemicals listed by IARC, NTP or OSHA as carcinogens

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None

SECTION 3: cOMPOSITION/iNFORMATION ON INGREDIENTS

- 80% >Vegetable ester based products.
- 20% < neutral/inert compounds

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes and call a physician if Irritation persists.

SKIN: Wash with soap and water.

INGESTION: Call a physician. Do Not Induce Vomiting.

INHALATION: Move away from the source of exposure.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not determined

FLASH POINT ASTM D92 = 182°C = (360°F)

FIRE POINT: ASTM D92 = 204°C = (399°F)

The above ASTM D92 Temperatures are based on the oil extracted from the grease by the Koppler Extraction method. The inventors are confident that the flash and fire points for the grease (the ASTM D92 Test cannot measure solids) are considerably higher given the inert ingredients - 20% of which has a flash point of 2150°F. This ingredient is removed by the Koppler extraction method so the increased flash and fire points of this ingredient are lost.

AUTOIGNITION TEMPERATURE: Not Available

EXTINGUISHING MEDIA: Use, sand, dry chemical or chemical foam –

Do not use water!

SPECIAL FIRE FIGHTING PROCEDURES:

The use of NIOSH/MSHA approved self-contained breathing apparatus is recommended for fire fighters.

HAZARDOUS DECOMPOSITION

PRODUCTS: Carbon monoxide, carbon dioxide

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 6: ACCIDENTAL SPILLS/CLEANUP

Evacuate all non-essential personnel. Use non-sparking tools to shovel spilled material into plastic or metal containers. Remove containers to a safe area and seal. Wash hard surfaces with copious amounts of water to remove remaining material.

Dispose of waste in accordance with local and Federal procedures and regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid direct eye contact or ingestion. Use with eye protectors with side guards when applying to tools. Store upright in a well-ventilated area out of direct sunlight. This product should be handled and stored per label instructions to ensure product integrity. Do not reuse containers. Store away from strong oxidizers. Keep away from heat, sparks, and flame. Keep out of the reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONEL PROTRECTION

ENGINEERING CONTROLS: None
VENTILATION: Normal room ventilation
EYE PROTECTION: Safety glasses are recommended.
SKIN PROTECTION: Regular clothing
OTHER PROTECTIVE CLOTHING

OR EQUIPMENT: Eye wash and safety shower

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light yellow/gold grease
ODOR: Mild vegetable oil odor
PHYSICAL STATE: Semi-solid with a grease like consistency
BOILING POINT: Not Applicable
SOLUBILITY IN WATER: Grease is extremely hydrophobic
FLASH POINT: ASTM D92 = 182°C = (360°F)
FIRE POINT: ASTM D92 = 204°C = (399°F) **SEE SECTION 5**
EVAPORATION RATE: N/A
MELTING/FREEZING POINT: N/D
INITIAL BOILING POINT AND BOILING RANGE: N/D
AUTO-IGNITION TEMPERATURE: N/A
DECOMPOSITION TEMPERATURE: N/A
VISCOSITY: N/D

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY and
CONDITIONS TO AVOID (STABILITY): Avoid Strong oxidizers,
HAZARDOUS DECOMPOSITION
OR BY-PRODUCTS Carbon monoxide, carbon dioxide
HAZARDOUS POLYMERIZATION: Has not been reported

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

All components are listed or are exempt.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY EXPOSURE: Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions by any route of entry into human body.

- Nothing in this product is listed in the National Toxicology Program (NPT)
- Nothing in this product has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC Monographs (latest editions) or found to be a potential carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)

ECOLOGICAL INFORMATION:

No definitive information is available on the environmental impact if product is released to the Environment.

Product is bio based.

Prevent contamination of ground and surface water

SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION (NON-MANDATORY)

D.O.T. I.D No:	None/Not Applicable
D.O.T. LABEL REQUIRED:	None/Not Applicable
HAZARD CLASS:	None/Not Applicable
PACKING GROUP:	None/Not Applicable

TRANSPORTATION INFORMATION –IMO/IMDG CODE (OCEAN)

Not subject to IMDG code.

TRANSPORTATION INFORMATION-ICAO/IATA (AIR)

Not subject to IATA regulation.

SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components are listed or are exempt

SECTION 16: OTHER INFORMATION

The condition of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expenses arising out of or in any way connected with the handling, storage, use or disposal of the product.

Current Issue date is January, 25th 2017