

SAFETY DATA SHEET FOR TAP IT ALL LUBRICANTS, LLC BIOBASED ANTI-SEIZE COMPOUND

Approved SDS Number A-S 103 EMP 04/24/2017

PRODUCT NAME: TAPIT ALL BIOBASED ANTI-SEIZE COMPOUND

SYNONYMS: Seed oil-based Lubricants, Bio-based machining lubricant

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 CHEMICAL

FAMILY: Propriety, non-carcinogenic vegetable oil based mixture.

- PRODUCT USE: TAPIT ALL BIOBASED ANTI-SEIZE COMPOUND is intended for uses where prevention of seizing/galling between metal parts being joined such as in metal piping used in fracking operations. It may also be used in any anti-seize application where the users feels it meets their needs. As we are still in the validation phase caution is advised.

- Section 2: Hazard(s)
Identification

HAZAROUS MATERIAL

RATING:

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

EMERGENCY OVERVIEW: This paste is non-hazardous, non-corrosive, and consists 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: Vapors (not generally present) may irritate the mucus membranes

ACUTE
HEALTH

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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

- 85% >Vegetable oil based products.
- 15% < neutral compounds

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

FLAMMABLE LIMITS IN AIR, UPPER: ND

FLASH POINT: ASTM D92 315°C (599°F) NOTE: THE FLASH POINT IS FOR THE LOWEST FLASH POINT OF ANY INGREDIENT. IT IS TAKEN FROM MsdsDigitia.com SDS for our base oil. The inventors are confident the actual flash point will be much higher as approximately 15% of the ingredients do not burn but will melt at up to 2,200°F. All ingredients exceed 599°F Flash point and are evenly disbursed in compound.

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

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HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon
dioxide, Acrolein UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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.

HANDLING AND STORAGE: Avoid direct eye contact or ingestion. Use with eye protectors with side guards when applying. 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.

ENGINEERING CONTROLS: None VENTILATION:
Normal room ventilation

EYE PROTECTION: Wear safety glasses with side shields or goggles. SKIN PROTECTION: Regular clothing OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash and safety shower

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APPEARANCE: Green colored grease like compound. ODOR: Mild vegetable oil odor
PHYSICAL STATE: Semi-solid with a grease like consistency BOILING POINT: Not Applicable
SOLUBILITY IN WATER: Compound is extremely hydrophobic FLASH POINT ASTM D92 = 599°F (315 °C) See Note 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

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

TOXICOLOGICAL INFORMATION:

U.S. FEDERAL
REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL
ACT):

All components are listed or are
exempt.

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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.

**ECOLOGICAL
INFORMATION:**

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

Product is 100 bio
based.

Prevent contamination of ground and surface
water

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

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.

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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 April 24,
2017

