

# APPLIED AGROTECH, LLC

Safety Data Sheet Rev. Date: 09/15/2018

## LIFELINE

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name	LIFELINE
Product number	4405
Substance name	Fats and Glyceridic oils, Hydrogenated vegetable oil
CAS no.	68553-81-1

#### 1.2 Other means of identification

Mixed triglyceride, Hydrogenated vegetable oil; Hydrogenated mixed vegetable oils; Mixed vegetable oil.


#### 1.3 Recommended use of the chemical and restrictions on use

Lubricant, rust preventative. Used as a Wire rope and Chain lubricant.

#### 1.4 Supplier's details

Name	Applied Agrotech, LLC
Address	1437 Beechwood Dr Kyle, Texas 78640 United States
email	mark@appliedagrotech.com

#### 1.5 Emergency phone number(s)

 512-483-4057

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### SECTION 2: Hazard identification

#### General hazard statement

No specific hazards are encountered under normal use.

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

#### 2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

#### 2.3 Other hazards which do not result in classification

The substance does not meet the criteria for classification.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

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Substance name CAS no.	Fats and Glyceridic oils, Hydrogenated vegetable oil 68553-81-1
Other names / synonyms	Vegetable Oil Triglyceride 100%

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### SECTION 4: First-aid measures

#### 4.1 Description of necessary first-aid measures

General advice	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
If inhaled	No known hazard. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist
In case of skin contact	No known hazard. Wash with soap and water- get medical attention if irritation persists.
In case of eye contact	No known hazard. Direct contact with eyes may cause temporary irritation. Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
If swallowed	No known hazard. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.
Personal protective equipment for first-aid responders	N/A

#### 4.2 Most important symptoms/effects, acute and delayed

N/A

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Not available

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### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Specific hazards arising from the chemical

Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.

#### 5.3 Special protective actions for fire-fighters

Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.

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### Further information

Combustible but no particular hazard.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid release to the environment. Retain and dispose of contaminated wash water. Contact local authorities in case of spillage to drain/aquatic environment.

### 6.3 Methods and materials for containment and cleaning up

Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Keep away from sources of ignition and open flames.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry location, in a sealed container.

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## SECTION 8: Exposure controls/personal protection

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin protection

Chemical resistant gloves.

#### Body protection

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

#### Respiratory protection

Not needed under normal conditions of use.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form

Clear to yellow liquid / Liquid

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Odor	Characteristic, bland, fatty oil
Odor threshold	No available data
pH	Not applicable
Melting point/freezing point	No data available
Initial boiling point and boiling range	> 260°C (500°F)
Flash point	~ 321° / 610°F
Evaporation rate	No available data
Flammability (solid, gas)	Not applicable
Upper/lower flammability limits	> 260°C (500°F)
Upper/lower explosive limits	No available data
Vapor pressure	<1mm Hg @72°
Vapor density	No available data
Relative density	No available data
Solubility(ies)	Negligible < 5% in water
Partition coefficient: n-octanol/water	No available data
Auto-ignition temperature	No available data
Decomposition temperature	No available data
Viscosity	No available data
Explosive properties	No available data
Oxidizing properties	No available data

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

### 10.2 Chemical stability

Material is stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as indicated.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

No test data available. Although specific long-term toxicity studies have not been conducted, mixed triglyceride oils are expected to have low order of oral, dermal and inhalation toxicity. Mixed triglyceride oil allergy may occur with cross sensitivity to bean-related vegetable oils including peanut oil.

#### Skin corrosion/irritation

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Prolonged and repeated contact may cause defatting and drying of the skin and may lead to irritation and/or dermatitis.

### **Serious eye damage/irritation**

Produces little or no irritation on direct contact with eye.

### **Respiratory or skin sensitization**

Excessive inhalation of mist may result in respiratory irritation. Overheating may produce vapors which may cause respiratory irritation, dizziness and nausea.

### **Germ cell mutagenicity**

None known

### **Carcinogenicity**

Not listed

### **Reproductive toxicity**

None known

### **Summary of evaluation of the CMR properties**

No available data.

### **STOT-single exposure**

Not classified.

### **STOT-repeated exposure**

Not classified.

### **Aspiration hazard**

No available data.

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## SECTION 12: Ecological information

### **Toxicity**

This product is not expected to be harmful to aquatic organisms.

### **Persistence and degradability**

Expected to be inherently biodegradable.

### **Bioaccumulative potential**

No information available.

### **Mobility in soil**

Insoluble and floats on water.

### **Results of PBT and vPvB assessment**

No information available.

### **Other adverse effects**

No information available.

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## SECTION 13: Disposal considerations

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### Disposal of the product

General Information: Do not discharge into drains, water courses or onto the ground. Discharge treatment, or disposal maybe subject to national, state, or local laws. Empty containers may contain residues.

### Disposal of contaminated packaging

Since emptied containers retain product residue, follow label warnings even after container is emptied.

### Waste treatment

Handle in accordance with applicable local, state, and federal regulations. Use personal protection measures as required.

### Sewage disposal

Handle in accordance with applicable local, state, and federal regulations. Use personal protection measures as required.

### Other disposal recommendations

No specific disposal method required.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

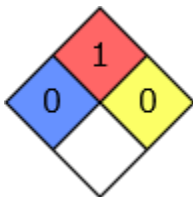
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## SECTION 15: Regulatory information

### HMIS Rating

Fats and Glyceridic oils, Hydrogenated vegetable oil	
HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

### NFPA Rating



**SECTION 16: Other information**

**16.2 Preparation information**

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.