



## SAFETY DATA SHEET

REVISION DATE: January 2020

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**PRODUCT NAME:** MAGLUBE FC-500 (Food Grade Lubricant)  
**RECOMMENDED USE:** MINIMUM QUANTITY LUBRICANT  
**CAS (EC) No.:** \_\_\_\_\_  
**USES ADVISED AGAINST:** None Known

#### SUPPLIER'S DETAILS

##### SUPPLIER ADDRESS

Manufacturers Alliance Group, Inc.  
1535 Oak Industrial Lane Suite I  
Cumming, GA 30041  
TEL: 770-888-4470 / 1-800-441-2023

##### EMERGENCY TELEPHONE NUMBER

Chemtrec: (800) 424-9300  
International: 1-703-527-3887

### 2. HAZARDS IDENTIFICATION

#### CLASSIFICATION

**Product Definition** Mixture:

**Classification according to 29 CFR 1910.1200/ HazCom 2012 (GHS-US) and Regulation (EC) No. 1272/2008)**

Not classified as hazardous per the above regulations.

#### **GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS**

**Labeling according to 29 CFR 1910.1200. HazCom 2012 (GHS-US) and Regulation (EC) No. 1272/2008)**

Hazard Pictograms: None  
Signal Word: None  
Hazard Statements: None  
Precautionary statements: None

#### HAZARD NOT OTHERWISE CLASSIFIED (HNOC)

Not Applicable

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance:**

Chemical nature: Not applicable. Product is a substance

**Mixture:**

Chemical nature: Ester oil with additives

<b>Chemical Name:</b>	<b>CAS No. (EC NO.)</b>	<b>Concentration</b>
Ester Oil	Proprietary	>98%
Lubrication Additives	Proprietary	<2%

This product contains no substances which at their given concentration are considered to be hazardous to health.

### 4. FIRST AID MEASURES

**DESCRIPTION OF NECESSARY FIRST-AID MEASURES**

<b>EYE CONTACT</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical advice/attention if irritation persists.
<b>SKIN CONTACT</b>	Wash skin with soap and water. Get medical attention if irritation persists.
<b>INHALATION</b>	If experiencing respiratory symptoms Remove victim to fresh air. If breathing is difficult call get medical attention.
<b>INGESTION</b>	If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell.

**MOST IMPORTANT SYMPTOMS/EFFECTS:**

**INHALATION:** Mists may cause irritation of the respiratory tract.

**Skin:** May cause mild skin irritation upon prolonged or repeated contact in the most sensitive individuals.

**Eyes:** May cause mild eye irritation in the most sensitive individuals.

**Ingestion:** May cause gastrointestinal distress.

**NOTES TO PHYSICIAN:** Treat symptomatically and supportively.

### 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA**

Class ABC/BC fire extinguishing, Foam, Water spray, Carbon dioxide

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use a solid water stream as it may scatter and spread fire.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

May burn if exposed to high temperature. Use water spray to cool unopened containers.

**HAZARDOUS COMBUSTION PRODUCTS** Carbon oxides, Hydrocarbons

**EXPLOSION DATA**

**SENSITIVITY TO MECHANICAL IMPACT** None identified

**SENSITIVITY TO STATIC DISCHARGE** None

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**PERSONAL PRECAUTIONS** Avoid contact with skin, eyes, clothing. Wash thoroughly after handling.

**ENVIRONMENTAL PRECAUTIONS** See Section 12 for additional Ecological information.

**METHODS FOR CONTAINMENT** Prevent further leakage or spillage if safe to do so.

**METHODS FOR CLEANING UP** Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

**7. HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING**

**HANDLING** Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling.

**CONDITIONS FOR SALE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

**STORAGE** Keep container tightly closed in a dry and well-ventilated place.

**INCOMPATIBLE PRODUCTS** Strong oxidizing agents.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**CONTROL PARAMETERS**

**EXPOSURE GUIDELINES** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**APPROPRIATE ENGINEERING CONTROLS**

**ENGINEERING MEASURES** Showers  
Eyewash stations  
Ventilation systems

## INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

### EYE/FACE PROTECTION

Safety glasses with side shields.

### SKIN/BODY PROTECTION

Wear protective gloves/clothing.

### RESPIRATORY PROTECTION

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

### HYGIENE MEASURES

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Liquid	<b>APPEARANCE</b>	Amber liquid
<b>ODOR</b>	Mild	<b>ODOR THRESHOLD</b>	No Info Available

<b>PROPERTY</b>	<b>VALUES</b>	<b>REMARKS/METHOD</b>
Ph	Not Applicable	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	>300 °C / >572 °F	None known
Flash Point	>204 °C / >400 °F	Cleveland Open Cup (COC)
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor Pressure	<0.01 mmHg @ 20°C	None known
Vapor Density	<1	None known
Specific Gravity	0.91 @ 25°C	None known
Water Solubility	Insoluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Auto ignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	85 cps @ 25°C	None known

**Flammable Properties** Not flammable

**Explosive Properties** No data available

**Oxidizing Properties** No data available

### Other information

**VOC Content (%)** No data available

**VOC (g/L)** 0.1% g/L

## 10. STABILITY AND REACTIVITY

<b><u>REACTIVITY</u></b>	None Known
<b><u>CHEMICAL STABILITY</u></b>	Stable under recommended use and storage conditions.
<b><u>POSSIBILITY OF HAZARDOUS REACTIONS</u></b>	None under normal use and storage conditions.
<b><u>HAZARDOUS POLYMERIZATION</u></b>	Hazardous polymerization does not occur.
<b><u>CONDITIONS TO AVOID</u></b>	High temperatures.
<b><u>INCOMPATIBLE MATERIALS</u></b>	Strong oxidizing agents.
<b><u>HAZARDOUS DECOMPOSITION</u></b>	Thermal decomposition may produce Carbon oxides, Hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### **INFORMATION ON LIKELY ROUTES OF EXPOSURE**

<b>PRODUCT INFORMATION</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>INHALATION</b>	There is no data available for this product.
<b>EYE CONTACT</b>	May cause irritation.
<b>SKIN CONTACT</b>	Prolonged skin contact may affect the skin and produce dermatitis.
<b>INGESTION</b>	There is no data available for this product.

### **SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS**

<b>SYMPTOMS</b>	None known
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### **DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE**

<b>SENSITIZATION</b>	No information available
<b>MUTAGENIC EFFECTS</b>	No information available
<b>CARCINOGENICITY</b>	Contains no ingredients above reportable quantities listed as a carcinogen.
<b>REPRODUCTIVE TOXICITY</b>	No information available
<b>STOT – SINGLE EXPOSURE</b>	No information available
<b>STOT – REPEATED EXPOSURE</b>	No information available
<b>ASPIRATION HAZARD</b>	No information available

## **NUMERICAL MEASURES OF TOXICITY**

### **ACUTE TOXICITY**

<2% of the mixture consists of ingredient(s) unknown toxicity.

This material is not listed as a carcinogen by IARC, ACGIH, NTP, or OSHA. No data is available regarding the mutagenicity or teratogenicity of this material in humans, nor is there available data that indicates that it causes adverse development or fertility effects in humans. Handle in accordance with good industrial hygiene and safety practice.

## **12. ECOLOGICAL INFORMATION**

### **ECOTOXICITY**

**Acute and Chronic Aquatic Toxicity:** LC50 (96h) – Fish: > WSL EC50 (48h) – Daphnia magna: > WSL

### **PERSISTENCE AND DEGRADABILITY**

Readily biodegradable.

### **BIOACCUMULATION**

Expected to be low.

### **OTHER ADVERSE EFFECTS**

Substance is not PBT / vPvB. Do not allow material to run into surface waters, wastewater or soil.

## **13. DISPOSAL CONSIDERATIONS**

### **WASTE DISPOSAL METHODS**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional or local regulations for additional requirements.

### **CONTAMINATED PACKAGING**

Do not re-use empty containers.

## **14. TRANSPORT INFORMATION**

### **US DOT (Land Transport)**

Not regulated

### **IATA/ICAO (Air Transport)**

Not regulated

### **IMDG/IMO Regulations (Maritime Transport)**

Not regulated

## **15. REGULATORY INFORMATION**

### **INTERNATIONAL INVENTORIES**

#### **TSCA**

Complies

**LEGEND**

**TSCA** - United States Toxic Substance Control Act Section 8(b) Inventory

**DSL/NDL** – Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. FEDERAL REGULATIONS**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 HAZARD CATEGORIES**

<b>ACUTE HEALTH HAZARD</b>	No
<b>CHRONIC HEALTH HAZARD</b>	No
<b>FIRE HAZARD</b>	No
<b>SUDDEN RELEASE OF PRESSURE HAZARD</b>	No
<b>REACTIVE HAZARD</b>	No

**CLEAN WATER ACT**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**U.S. STATE REGULATIONS**

**CALIFORNIA PROPOSITION 65**

This product does not contain any Proposition 65 chemicals.

**U.S. STATE RIGHT-TO-KNOW REGULATIONS**

This product does not contain any substances regulated by state right-to-know regulations.

**U.S. EPA LABEL INFORMATION**

**EPA Pesticide Registration Number** Not Applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>HEALTH: 0</b>	<b>FLAMMABILITY: 1</b>	<b>INSTABILITY: 0</b>	<b>P &amp; C HAZARDS: X</b>
<b><u>HMIS</u></b>	<b>HEALTH: 0</b>	<b>FLAMMABILITY: 1</b>	<b>REACTIVITY: 0</b>	<b>PPE: X</b>

**PREPARED BY** Manufacturers Alliance Group, Inc.  
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General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, info and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or qualification specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**END OF SAFETY DATA SHEET**