



GHS SAFETY DATA SHEET

REVISION DATE: FEBRUARY 2018

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

PRODUCT NAME: MAGLUBE LD-300L
RECOMMENDED USE: MINIMUM QUANTITY LUBRICANT
USES ADVISED AGAINST: NO INFORMATION AVAILABLE

SUPPLIER'S DETAILS

SUPPLIER'S 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

Company: 1-770-888-4470
Chemtrec: 1-800-424-9300
International: 1-703-527-3887

2. HAZARDS IDENTIFICATION

HMIS

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

PPE: B

GHS CLASSIFICATION: Acute Toxicity-Oral, Category 5, Skin Corrosion/Irritation, Category 2, Serious Eye damage/Irritation, Category 2B

Signal Word: "Warning"

Health Hazards: H315: Causes skin irritation

H319: Causes eye irritation

Precautionary Statements: P264: Wash thoroughly after handling

P280: Wear protective clothing/eye protection

P302 + P352-IF ON SKIN: Wash with soap and water

P337 + P313- IF EYE IRRITATION PERSISTS: Get medical advice

P314: Get medical advice if you feel unwell

OTHER INFORMATION

<5% of the mixture consists of ingredients(s) of unknown toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

LD-300L is a proprietary blend of esters derived from a seed oil base and should be considered safe for the environment.

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

EYE CONTACT	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical advice/attention if irritation persists.
SKIN CONTACT	Wash skin with soap and water. Get medical attention if irritation persists.
INHALATION	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
INGESTION	If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell.

MOST IMPORTANT SYMPTOMS/EFFECTS: None Identified

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

NOTES TO PHYSICIAN: Treat symptomatically

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

P210: Keep away from heat/sparks/open flames/hot surfaces.

P262: Do not get in eyes, on skin, or on clothing

P264: Wash thoroughly after handling

P280: Wear protective gloves and eye protection

ENVIRONMENTAL PRECAUTIONS

P273: Avoid release to the environment. Limit leakage with earth or sand. Do not discharge into drains/surface water/groundwater. Dispose of absorbed material in accordance with local, state and federal regulations.

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

HANDLING

P262: Do not get in eyes, on skin or on clothing

P264: Wash thoroughly after handling

P280: Wear protective gloves, clothing and eye protection

STORAGE

P402 +404: Store in dry place and in closed container

INCOMPATIBLE MATERIALS

Strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment (PPE):

Hand Protection:

Chemical resistant gloves

Eye Protection:

Chemical Goggles or Glasses with Side Shields

Skin Protection:

Protective Clothing

Respiratory Protection:

The use of a NIOSH approved respirator may be needed if working in a poor ventilated area

Engineering Measures/Controls:

Ventilation: Ensure adequate ventilation, especially in confined area

Other Measures: Eye Wash and Safety shower in area

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

PHYSICAL STATE	LIQUID	APPEARANCE	GREEN
ODOR	MILD	ODOR THRESHOLD	NO INFO AVAILABLE
PROPERTY	VALUES	REMARKS/METHOD	
Ph	Not Applicable	None known	
Melting Point/Range	No data available	None known	
Boiling Point/Boiling Range	>210 °F	None known	
Flash Point	>212° °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	<1 mmHg	None known	
Vapor Density	<1	None known	
Specific Gravity	0.86 g/ml @25°C	None known	
Water Solubility	Insoluble	None known	
Solubility in other solvents	No data available	None known	
Auto ignition Temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Viscosity	5.5 cSt @ 25°C	None known	
Explosive Properties	No data available		
Oxidizing Properties	No data available		
 <u>Other information</u>			
VOC Content (%)	<0.1%		
VOC (g/L)	No data available		

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY Stable

POSSIBILITY OF HAZARDOUS REACTIONS Thermal decomposition may produce oxides of carbon.

HAZARDOUS POLYMERIZATION Hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION Thermal decomposition may produce oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute Data:

Routes of Exposure:

INHALATION	There is no data available for this product.
EYE CONTACT	May cause irritation.
SKIN CONTACT	Prolonged skin contact may affect the skin and produce dermatitis.
INGESTION	There is no data available for this product.
Skin Sensitization	Not Determined

Acute Toxicity/Effects:

Test:	Test Type:	Species:	Results:	Comments:
Oral Toxicity	LD50	N/D	N/D	---
Dermal Toxicity	LD50	N/D	N/D	---
Inhalation Toxicity	N/D	N/D	N/D	---
Eye Irritation	N/D	N/D	N/D	---

Chronic Data:

Carcinogenicity:	IARC No	NTP No	ACGIH No	OSHA No
Mutagenicity:	NDA			
Reproductive Effects:	NDA			
Target Organ Effects:	NDA			

12. ECOLOGICAL INFORMATION

ECOTOXICITY Not classified

PERSISTENCE AND DEGRADABILITY No information available

BIOACCUMULATION

No information available

OTHER ADVERSE EFFECTS

No information available

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 All the components in this material are listed on or exempt from the TSCA Inventory

SARA Title 302 (Extremely Hazardous Substances): TPQ – None

SARA Title 304 (Extremely Hazardous Substances): RQ – None

CERCLA Hazardous Substances (RQ): None

SARA 311/312 Hazard Categorization: Acute-Y Chronic – N Fire – N Pressure – N Reactive - N

Clean Air Act Section 112 (TQ): TQ – Not Listed

LEGEND

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

DSL/NDSL – 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.

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

<u>NFPA</u>	HEALTH: 1	FLAMMABILITY: 1	INSTABILITY: 0	P & C HAZARDS: B
<u>HMIS</u>	HEALTH: 1	FLAMMABILITY: 1	REACTIVITY: 0	PPE: 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