

Issuing Date 23-Jan-2012

Revision date 13-Aug-2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Lubspar 107

Product code 0288

Supplier Address

Tulco Oils, Inc.
5240 E. Pine Street
Tulsa, Oklahoma 74115

Chemical Emergency Phone Number Chemtrec 1-800-424-9300

Company Emergency Phone Number 800-375-2347

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance: clear liquid

Physical State: liquid.

Odor: mild

Environmental hazard See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Trade Secret	Proprietary	90 - 100%

4. FIRST AID MEASURES

Eye contact Wash off with plenty of water. If irritation persists, call a physician.

Skin contact Remove and wash contaminated clothing before re-use. Wash with soap & water for 20 minutes. See physician if irritation persists.

inhalation Remove to fresh air. Seek medical attention if symptoms develop.

INGESTION Seek medical attention if discomfort occurs. Material is practically non-toxic. Do NOT induce vomiting

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable properties Not flammable

flash point = 360 °F

Suitable Extinguishing Media Water spray or fog, foam, dry chemical, carbon dioxide if product is involved.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire

Explosion data

Sensitivity to Mechanical Impact None.

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

NFPA health hazard 0 Flammability 1 Stability 0 **Physical and chemical hazards -**

HMIS health hazard 0 Flammability 1 physical hazard 0 **Personal Protection -**

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation

Environmental precautions Try to prevent the material from entering drains or water courses

Methods for Containment Prevent further leakage or spillage if safe to do so

Methods for cleaning up Pick up and transfer to properly labeled containers

7. HANDLING AND STORAGE

Advice on safe handling Wash thoroughly after handling

Technical measures/Storage conditions Keep in a dry, cool and well-ventilated place Store away from strong oxidizing agents or combustible material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal protective equipment

Eye/face protection

Splash proof chemical goggles.

Skin and body protection

Neoprene, Nitrile or Viton gloves recommended. Avoid direct contact with the substance.

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 Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State:	liquid	Odor:	mild
Appearance:	clear liquid	Odor Threshold	No information available
Color	colorless		

PROPERTY

Values

pH	
flash point	= 360 °F
Pour point	= -45 °F

evaporation rate	
Flammability (solid, gas)	
Flammability Limits in Air	
Upper flammability limit	
Lower flammability limit	
Explosion Limits	
FLASH POINT °F/C	
Lower	
Vapor Pressure	
vapor density	
Specific gravity	
Water solubility	negligible
Solubility in other solvents	
Partition coefficient: n-octanol/water	
Autoignition temperature	
Decomposition temperature	
Viscosity, kinematic	63 @ 100F SUS
Viscosity, dynamic	
Explosive properties	No information available
Oxidizing properties	No information available

9.2 OTHER INFORMATION

VOC Content(%)	No information available
Density VALUE	No information available
Bulk Density VALUE	No information available

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Incompatible products	Strong oxidizing agents
Conditions to Avoid	Heat (temperatures above flash point), sparks, ignition points, flames, static electricity
Hazardous Decomposition Products	Oxides of carbon and other asphyxiants.
Hazardous polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Trade Secret	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h

Chronic Toxicity

Chemical Name	ACGIH TLV - 5mg/m ³ , ACGIH STEL - 10mg/m ³ , OSHA PEL - 5mg/m ³	IARC	NTP	OSHA
Trade Secret	A2	Group 1		X

Target Organ Effects	None known
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12. ECOLOGICAL INFORMATION**Ecotoxicity**

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to Microorganisms	Toxicity to daphnia and other aquatic invertebrates
Trade Secret		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

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

<u>DOT</u> Proper shipping name	Not regulated Petroleum Lubricating Oil
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>ICAO/IATA</u>	Not regulated
<u>IMDG / IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR/RID</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	TSCA
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	-
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

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

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. State Regulations**California Proposition 65**

California Proposition 65

U.S. State Right-to-Know Regulations**International Regulations****Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

16. OTHER INFORMATION

Issuing Date	23-Jan-2012
Revision date	13-Aug-2013
Revision Note	No information available.

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information 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 quality 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 Material Safety Data Sheet