

## SAFETY DATA SHEET

SDS: 1499

### 1499 MONOCAL™ GP GREASE

Issuing Date 08-08-2013

Revision Date 04-29-2020

Revision Number 1.2

#### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product Identifier

Product Name 1499 MONOCAL™ GP GREASE

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Lubricant

Uses advised against Consumer use

##### 1.3. Details of the supplier of the safety data sheet

###### Supplier (manufacturer/importer/only representative/downstream user/distributor)

HH Compliance  
Rubicon Centre,  
CIT Campus,  
Bishopstown,  
Cork,  
Ireland  
T12 Y275  
+353-21-4868121

###### Manufacturer

Lubrication Engineers Inc.  
1919 E. Tulsa  
Wichita, KS 67216  
USA  
800-537-7683

###### For further information, please contact

techsupport@le-inc.net

##### 1.4. Emergency telephone number

Emergency Telephone CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

<b>Austria</b>	Vergiftungsinformationszentrale (AT): +43-(0)1-406 43 43
<b>Belgium</b>	Poison center (BE): +32 70 245 245
<b>Denmark</b>	Poison Control Hotline (DK): +45 82 12 12 12
<b>Finland</b>	Poison Information Centre (FI): +358 9 471 977
<b>France</b>	ORFILA (FR): + 01 45 42 59 59
<b>Germany</b>	Poison Center Berlin (DE): +49 030 30686 790
<b>Ireland</b>	National Poisons Information Centre (IE): +353 1 8379964
<b>Italy</b>	Poison Center, Milan (IT): +39 02 6610 1029
<b>Netherlands</b>	National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
<b>Norway</b>	Poisons Information (NO): + 47 22 591300
<b>Poland</b>	Poison Control and Information Centre, Warsaw (PL): +48 22 619 66 54; +48 22 619 08 97
<b>Portugal</b>	Poison Information Center (PT): +351 21 330 3284
<b>Spain</b>	Poison Information Service (ES): +34 91 562 04 20

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Sweden	Poisons Information Center (SV): +46 8 33 12 31
Switzerland	Poison Center: Tel 145; +41 44 251 51 51
United Kingdom	NHS Direct (UK): +44 0845 46 47

**Section 2: HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**2.2. Label Elements****Product Identifier**

Contains Petrolatum

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**Signal word**

None

**Hazard Statements**

None

EUH210 - Safety data sheet available on request

**Precautionary Statements - EU (§28, 1272/2008)**

P201 - Obtain special instructions before use, P202 - Do not handle until all safety precautions have been read and understood, P280 - Wear protective gloves/protective clothing/eye protection/face protection, P308 + P313 - IF exposed or concerned: Get medical advice/attention, P405 - Store locked up, P501 - Dispose of contents/ container to an approved waste disposal plant

**2.3. Other Hazards**

No information available

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

Chemical name	EC-No	CAS No.	Weight-%	Classification (Reg. 1272/2008)	REACH Registration Number
Petrolatum	Present	8009-03-8	5 - 10	Carc. 1B (H350)	no data available
Calcium Carbonate	Present	471-34-1	5 - 10	No data available	no data available

The producer of "1499" declares that it contains less than 3% DMSO extractable material by IP-346

**Full text of H- and EUH-phrases: see section 16****Section 4: FIRST AID MEASURES****4.1. Description of first aid measures****Inhalation**

Move to fresh air.

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**Skin Contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Ingestion** Drink plenty of water. Do NOT induce vomiting.

**4.2. Most important symptoms and effects, both acute and delayed**

**Symptoms** None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

**Suitable Extinguishing Media** Water spray, Carbon dioxide (CO<sub>2</sub>), Foam, Dry chemical

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

**Flash Point** 290 °C / 554 °F

**5.2. Special hazards arising from the substance or mixture**

Thermal decomposition can lead to release of irritating gases and vapors.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment.

**Section 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Do not touch or walk through spilled material. Remove all sources of ignition.

**6.2. Environmental precautions**

Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**6.3. Methods and material for containment and cleaning up**

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

**Methods for Cleaning up** Use personal protective equipment. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

**6.4. Reference to other sections**

See Section 12 for more information.

**Section 7: HANDLING AND STORAGE**

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**7.1. Precautions for safe handling****Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. For personal protection see section 8.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

**7.2. Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

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

**7.3. Specific end use(s)****Risk Management Methods (RMM)** The information required is contained in this Material Safety Data Sheet.**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational Exposure limits**

Chemical name	European Union	The United Kingdom	France	Spain	Germany
Calcium Carbonate 471-34-1	-	STEL 30 mg/m <sup>3</sup> STEL 12 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>	-	-
Chemical name	Italy	Portugal	The Netherlands	Finland	Denmark
Calcium Carbonate 471-34-1	-	TWA 10 mg/m <sup>3</sup>	-	-	-
Chemical name	Austria	Switzerland	Poland	Norway	Ireland
Calcium Carbonate 471-34-1	-	TWA 3 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>	-	TWA 10 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup> STEL 12 mg/m <sup>3</sup>
Chemical name	Hungary	Belgium	Czech Republic	Greece	Sweden
Calcium Carbonate 471-34-1	TWA 10mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>	TWA 10.0 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>	-

**Derived No Effect Level (DNEL)** No information available**Predicted No Effect Concentration (PNEC)** No information available.**8.2. Exposure controls****Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment****Eye/Face Protection**

No special protective equipment required.

**Hand Protection**

No special protective equipment required.

**Skin and Body Protection**

No special protective equipment required.

**Respiratory Protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental Exposure Controls** No information available.

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**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Physical state	Paste
appearance	blue
Odor	Hydrocarbon-like
Odor threshold	No information available

<u>Property</u>	<u>Values</u>
pH	6 - 8
Melting Point / Freezing Point	No data available
Boiling point / boiling range	No data available
Flash Point	290 °C / 554 °F
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available
Vapor Density	< 1 ( Air = 1 )
Specific Gravity	0.95
Water solubility	negligible
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity, kinematic	not applicable
Explosive properties	No data available
Oxidizing Properties	No data available

**Section 10: STABILITY AND REACTIVITY****10.1. Reactivity**

None known.

**10.2. Chemical stability**

Stable under normal conditions.

**Explosion Data****Sensitivity to Mechanical Impact** Not impact sensitive.**Sensitivity to Static Discharge** May be ignited by friction, heat, sparks or flames.**10.3. Possibility of hazardous reactions****Hazardous reactions** None under normal processing.**10.4. Conditions to avoid**

Heat, flames and sparks.

**10.5. Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

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Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

**Section 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Acute Toxicity****Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

The producer of "1499" declares that it contains less than 3% DMSO extractable material by IP-346

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	May cause irritation.
<b>Ingestion</b>	There is no data available for this product.

**Unknown Acute Toxicity** 115% of the mixture consists of ingredient(s) of unknown toxicity.**The following values are calculated based on chapter 3.1 of the GHS document**

<b>ATEmix (oral)</b>	5,573.60 mg/kg
<b>ATEmix (dermal)</b>	10,651.80 mg/kg

**Component Information**

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium bis(dinonylnaphthalenesulphonate)	> 5000 mg/kg ( Rat )	> 20000 mg/kg ( Rabbit )	> 18 mg/L ( Rat ) 1 h
Petroleum distillates, solvent-refined heavy paraffinic	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5530 mg/m <sup>3</sup> ( Rat ) 4 h
Petroleum distillates, solvent-refined heavy naphthenic	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Petroleum distillates, hydrotreated heavy naphthenic	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Petroleum distillates, hydrotreated heavy paraffinic	> 15 g/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Petrolatum	-	= 3600 mg/kg ( Rabbit )	-
Fatty acids, tall-oil	> 10000 mg/kg ( Rat )	-	-
Calcium Carbonate	= 6450 mg/kg ( Rat )	-	-
Dilaural Hydrogen Phophite	> 10 g/kg ( Rat )	> 5 g/kg ( Rabbit )	-

**Skin corrosion/irritation** No information available.**Serious eye damage/eye irritation** No information available.**Sensitization** No information available.**Mutagenic Effects** No information available.**Carcinogenic Effects**

Chemical name	European Union
Petrolatum	Category 2

**Reproductive toxicity** No information available.

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<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target Organ Effects</b>	Respiratory system, Eyes, Skin.
<b>Aspiration Hazard</b>	No information available.

**Section 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

<b>Ecotoxicity</b>	None known
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**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available

**12.4. Mobility in soil**

<b>Mobility in soil</b>	No information available.
<b>Mobility</b>	The product is insoluble and floats on water.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

<b>Waste from Residues/Unused Products</b>	Dispose of in accordance with local regulations.
<b>Contaminated Packaging</b>	Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**Section 14: TRANSPORT INFORMATION**IMDG Not regulatedADR/RID Not regulatedICAO/IATA Not regulated**Section 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Water hazard class (WGK) 3

**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Not determined
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

**Legend**

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 Chemical Substances/European 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

**15.2. Chemical safety assessment** No information available**Section 16: OTHER INFORMATION****Full text of H-Statements referred to under sections 2 and 3**

H350 - May cause cancer

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Reason for revision General Information.

**Disclaimer**

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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



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with any other materials or in any process, unless specified in the text.

SDS is available at [www.LElubricants.com](http://www.LElubricants.com)

**End of Safety Data Sheet**