

Safety Data Sheet

Issuing date : March 18, 2014

Revision date : July 29, 2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Identifier

Product name LUBE, SE1107 GREASE

Use Lubricants and additives

Details of the supplier of the safety data sheet

Supplier

Manufacturer

Canon Inc.
30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Not classified.

Label Elements

Labelling according to Regulation (EC) No 1272/2008
Not required.

Hazard pictograms
Not required.

Signal word
Not required.

Hazard statements
Not required.

Precautionary Statements
Not required.

Other Information
None

Other hazards
None

SECTION 3: Composition/information on ingredients

This product is a mixture.
No hazardous ingredients.

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SECTION 4: First aid measures

Description of first aid measures

Inhalation	Move person to fresh air; if effects occur, consult a physician.
Ingestion	If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
Skin Contact	Wash off with plenty of water.
Eye Contact	Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Most important symptoms and effects, both acute and delayed

Inhalation	No adverse effects are expected under intended use.
Ingestion	No adverse effects are expected under intended use.
Skin Contact	No adverse effects are expected under intended use.
Eye Contact	May cause temporary discomfort.
Chronic Effects	No adverse effects are normally expected.

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water spray. Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical.

Unsuitable extinguishing media

Not known.

Special hazards arising from the substance or mixture

Hazardous combustion products

Fluorine compounds. Carbon oxides.

Unusual Fire and Explosion Hazards

Exposure to combustion products may be a hazard to health.

Advice for firefighters

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Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Follow safe handling advice and personal protective equipment recommendations.

Environmental Precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

Wipe up or scrape up and contain for salvage or disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

Other Information

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

Precautions for safe handling

Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice.

Use only with adequate ventilation. See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Conditions for safe storage, including any incompatibilities

Keep in properly labelled containers. Store in accordance with the particular national regulations.

Do not store with the following product types: Strong oxidizing agents.

Unsuitable materials for containers: Not known.

Specific end uses

Lubricants and additives

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits

Chemical name	EU OEL	OSHA PEL	ACGIH TLV	Australia OEL
Product (Grease)	Not established	Not established	Not established	Not established

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Exposure controls

Appropriate engineering controls Use only with adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Use safety glasses (with side shields).

Skin protection Hand protection: Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Examples of preferred glove barrier materials include: Butyl rubber. Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl alcohol ("PVA"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. Examples of acceptable glove barrier materials include: Natural rubber ("latex").
NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Respiratory protection Other protection: Wear clean, body-covering clothing.
Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.
The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	White Grease
Odor	odourless
Odor threshold	No data available.
pH	Not applicable.
Melting point/Freezing point (°C)	No data available.
Initial boiling point and boiling range (°C)	Not applicable.
Flash Point (°C)	Seta closed cup > 100 °C (> 212 °F)
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not classified as a flammability hazard.
Upper/lower flammability or explosive limits	
Upper flammability limit	
Lower flammability limit	
Upper explosive limit	No data available.
Lower explosive limit	No data available.
Vapor pressure	Not applicable.
Vapor density	No data available.
Relative density	2.00
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature (°C)	No data available.
Decomposition temperature (°C)	No data available.
Viscosity (mPa s)	Not applicable.
Explosive properties	Not explosive.
Oxidizing properties	The mixture is not classified as oxidizing.

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Other Information
No data available.

SECTION 10: Stability and reactivity

Reactivity
Not classified.

Chemical stability
Stable under normal conditions.

Possibility of hazardous reactions
Can react with strong oxidizing agents.

Conditions to avoid
Not known.

Incompatible materials
Oxidizing agents.

Hazardous decomposition products
Hydrogen Fluoride. Hexafluoroethane. 1,1,1,3,3,3-Hexafluoro-2-propanone. Carbonic difluoride. Carbon monoxide.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	Acute oral toxicity : Based on information for component(s): LD50, Rat, > 2,000 mg/kg Estimated. Acute dermal toxicity : Based on information for component(s): LD50, Rat, > 2,000 mg/kg Estimated. Acute inhalation toxicity : As product: The LC50 has not been determined.
Skin corrosion/irritation	No data available.
Serious eye damage/irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive Toxicity	No data available.

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STOT - single exposure	No data available.
STOT - repeated exposure	No data available.
Aspiration hazard	No data available. Based on physical properties, not likely to be an aspiration hazard.
Other Information	None

SECTION 12: Ecological information

Toxicity
No data available.

Persistence and degradability
No data available.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

Results of PBT and vPvB assessment
No data available.

Other adverse effects
No data available.

SECTION 13: Disposal considerations

Waste treatment methods
Do not dump into any sewers, on the ground, or into any body of water. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residual materials additional evaluations may be required.

Treatment and disposal methods of used packaging
Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose.

SECTION 14: Transport information

UN number None

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<u>UN proper shipping name</u>	None
<u>Transport hazard class</u>	None
<u>Packing group</u>	None
<u>Environmental hazards</u>	None
<u>Special precautions for users</u>	None
<u>Transport in bulk according to Annex II of MARPOL and the IBC Code</u>	None

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

[EU Information]

(EC) No 1907/2006 Authorisation	Not regulated.
(EC) No 1907/2006 Restriction	Not regulated.
(EC) No 1005/2009	Not regulated.
(EU) 2019/1021	Not regulated.
(EU) No 649/2012	Not regulated.
Chemical Safety Assessment under (EC) No1907/2006	Not regulated.

[USA Information]

TSCA Sec 4,5,6,7,8,12b	Not regulated.
OSHA-HCS Classification/Label	Not regulated.
SARA Title III Sec 313	Not regulated.
California Proposition 65	Not regulated.

Other Information None

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3

None

Annex

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Key literature references and sources for data

- EU Directive 2004/37/EC, (EU) 2017/2398 and (EU) 2019/983, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU and (EU) 2017/164
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EU) 2019/1021, (EU) No 649/2012
- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- U.S. Environmental Protection Agency, 40CFR Part 700-799
- U.S. Consumer Product Safety Commission, 16CFR Part 1500
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- Australian Workplace Exposure Standards for Airborne Contaminants
- California EPA, Code of Regulations Title 27. Division 4. Chapter 1. Safe Drinking Water and Toxic Enforcement Act of 1986
- Environment and Climate Change Canada, Canadian Environmental Protection Act, 1999
- Health Canada, Hazardous Products Act, and Hazardous Products Regulations
- Canada Workplace Hazardous Materials Information System
- NICNAS, Industrial Chemicals (Notification and Assessment) Act 1989
- Safe Work Australia, Work Health and Safety Act 2011 and Model Work Health and Safety Regulations

Key or legend to abbreviations and acronyms used in the safety data sheet

- EU OEL: Occupational exposure limits at Union level under Directive 2004/37/EC, (EU) 2017/2398 and (EU) 2019/983, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU and (EU) 2017/164
- OSHA PEL: PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration (USA)
- ACGIH TLV: TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists
- Australia OEL: Occupational exposure limits under Work Health and Safety Act 2011 and Regulations
- OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA)
- FHSA: Federal Hazardous Substances Act (USA)
- TSCA: Toxic Substances Control Act
- SARA Title III: SARA Title III of the Superfund Amendments and Reauthorization Act of 1986
- Proposition 65: Safe Drinking Water and Toxic Enforcement Act of 1986
- CEPA: Canadian Environmental Protection Act, 1999
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- HPA: Hazardous Products Act
- WHMIS: Workplace Hazardous Materials Information System
- ICNA Act: Industrial Chemicals (Notification and Assessment) Act 1989
- AICS: Australian Inventory of Chemical Substances
- WHS Regulations: Model Work Health and Safety Regulations