

Safety Data Sheet

1 IDENTIFICATION

PRODUCT NAME : LS Oil
APPLICATION OF THE SUBSTANCE / THE PREPARATION : Lubricant
MANUFACTURER
COMPANY NAME : J. MORITA MFG. CORP.
ADDRESS : 680 Higashihama Minami-cho Fushimi-ku, Kyoto, 612-8533 Japan
TELEPHONE No. : +81-75-611-2141
DISTRIBUTOR
COMPANY NAME : J. MORITA CORPORATION
ADDRESS : 3-Chome Tarumi-cho, Suita, Osaka, 564-8650 Japan
TELEPHONE No. : +81-6-6380-2525

2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION
PHYSICAL HAZARDS
FLAMMABLE LIQUIDS : Not classified
HEALTH HAZARDS
ACUTE OREL TOXICITY : Not classified
SKIN CORROSION / IRRITATION : Not classified
SKIN SENSITIZATION : Not classified
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)
ASPIRATION HAZARD : Category 1

GHS LABEL ELEMENTS

PICTOGRAM : GHS08 Health hazard



SIGNAL WORD : Danger

HAZARD STATEMENT : May be fatal if swallowed and enters airways.
: Causes damage to organs (Liver, lymph nodes) through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS

PREVENTION : Do not to breathe gas / mist / vapors / spray.
: Wash hands thoroughly after handling.
: Do not eat, drink or smoke when using this product.
RESPONSE : IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.
STORAGE : Store locked up.
DISPOSAL : Dispose of contents/container in accordance with local / regional / national / international regulations.

OTHER : This product is not deemed dangerous as per ADG Code.

Even if there is no statement in the notes by the GHS classification, making a sufficient consideration regarding safety measures and first aid, storage and disposal the information in later.

3 COMPOSITION / INFORMATION ON INGREDIENTS

GENERAL USE · Lubricants
FORMULA · Mixture

CHEMICAL NAMES	wt%	DANGEROUS OR HAZARDOUS COMPONENTS	CASN _o
Liquid paraffin	80-99	Not Applicable	8042-47-5
Oiliness improver	1-20	Not Applicable	Secret

4 FIRST AID MEASURES

IF INHALED:

- : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- : Get medical advice/attention if you feel unwell.

IF ON SKIN

- : Wash with plenty of soap and water.
- : If skin irritation occurs, get medical advice/attention.

IF IN EYES

- : Rinse cautiously with water for several minutes.
- : If eye irritation persists, get medical advice/attention.

IF SWALLOWED:

- : If swallowed, rinse mouth, do not induce vomiting, immediately call a poison center or doctor/ physician.
- : Get medical advice/attention if you feel unwell.

5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

- : Chemical water spray(fog), Foam, Dry chemical or Carbon dioxide.

NOT SUITABLE EXTINGUISHING MEDIA

- : High volume water jet.

FIRE FIGHTING INSTRUCTIONS

- : Wear full protective equipment: eye/face(shield), body (full Bunker Gear), respiratory (SCBA).

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- : Toxic gas generated in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES.

- : Use suitable protective equipment (Section 8), when taking up spill.

ENVIRONMENTAL PRECAUTIONS

- : Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/surface or ground water.

REMOVAL METHOD

- : Pump into a waste container with explosion-proof equipment and/or wipe up with absorbent material.
Clean the spilled area with appropriate cleaner.

7 HANDLING AND STORAGE

HANDLING

- : Do not handle until all safety precautions on SDS have been read and understood .
- : Use suitable protective equipment (Section 8).
- : Avoid contact with eyes, skin and clothing.
- : Use outdoors or in a well-ventilated area.
- : Use explosion-proof ventilation to prevent vapor accumulation.
- : Do not breathe fume/gas/mist/vapours/spray.
- : Wash hands thoroughly after handling.
- : Do not eat, drink or smoke when handling this product.
- : Avoid heat, open flames, including pilot light, and strong oxidizing agents.
- : Be grounded all handling equipment to prevent sparking.

STORAGE

- : Store locked up.
- : Store in a cool and dry place with adequate ventilation.
- : Store away from oxidizing agents.
- : Keep away from open flames and high temperatures.
- : Keep container closed when not in use.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

- : Be equipped with local exhaust ventilation(explosion-proof) if you are generate vapor or mist.
- : Make body and eye washer available in the vicinity of the handling place.

OCCUPATIONAL EXPOSURE LIMIT : No information

PERSONAL PROTECTIVE EQUIPMENT

- RESPIRATORY PROTECTION : None necessary when room is well-ventilated.
: If vapor or mist is generated, wear a mask for organic gas.
- HAND PROTECTION : Oil resistant gloves
- EYE PROTECTION : Safety glasses.
- SKIN/BODY PROTECTION : Wear oil-proof long sleeve work clothing if you will wet.

9 PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE : Collarless
- ODOR : odorless
- BOILING POINT : N.A.
- MELTING POINT : -25°C(JIS K-2269 Pour Point) as a representative value
- FLASH POINT : 170°C< (Method used : C.O.C.)
- DECOMPOSITION TEMPERATURE : N.A.
- VAPOR PRESSURE : N.A.
- FIRE POINT : N.A.
- EXPLOSION LIMIT : N.A.
- INITIAL BOILING POINT : N.A.
- SPECIFIC GRAVITY : 0.86 g/cm³ (at 15°C) as a representative value
- KINEMATIC VISCOSITY : 12 mm²/s (at 40°C) as a representative value
- SOLUBILITY IN WATER : Insoluble
- OTHER : N.A.

10 STABILITY AND REACTIVITY

- STABILITY : This is a stable material under normal and anticipated storage and handling condition.
- CONDITION TO AVOID : Open flames, welding arcs, or high temperature sources.
- INCOMPATIBLE MATERIALS : Strong oxidizing agent

11 TOXICOLOGICAL INFORMATION

- ACUTE TOXICITY(Orel) : Not classified
White mineral oil LD50 > 5000mg/kg
- ACUTE TOXICITY(Dermal) : Classification not possible No data
- ACUTE TOXICITY(Mists) : Classification not possible No data
- SKIN CORROSION / IRRITATION : Not classified
CrI; KBL (NZW) Intracutaneous reactivity PII: 1.0
Investigation by a third party organization
- EYE IRRITATION : Classification not possible No data
- RESPIRATORY SENSITIZATION : Classification not possible No data
- SKIN SENSITIZATION : Not classified
LLNA Stimulation index < 3,
Investigation by a third party organization
- GERM CELL MUTAGENICITY : Classification not possible No data
- CARCINOGENICITY : Classification not possible No data
- REPRODUCTIVE TOXICITY : Classification not possible No data
- SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE) : Classification not possible No data
- SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE) : Category 1 (Liver, lymph nodes).
White mineral oil NOEL/LOEL : 1.7mg/kg/day, IUCLID(2000)
- ASPIRATION HAZARD : Category 1
The kinematic viscosity of Hydrocarbon : less than 20.5mm² /s, at 40°C

※ GHS classification of this product in accordance with JIS Z 7252 -2014

12 ECOLOGICAL INFORMATION

HAZARDOUS TO THE AQUATIC ENVIRONMENT(Acute)

Acute aquatic hazard : Classification not possible Data is insufficient
Long-term aquatic hazard : Classification not possible Data is insufficient

HAZARDOUS TO THE OZONE LAYER : Classification not possible

Each ingredient of this material has not been listed in the Montreal Protocol on Substances that Deplete the Ozone Layer.

※ GHS Classification of this product in accordance with JIS Z7252-2014.

PERSISTENCE AND DEGRADABILITY : Not easily biodegradable
BIOACCUMULATIVE POTENTIAL : No information
MOBILITY IN SOIL : No information
OTHER ADVERSE EFFECTS : No information

13 DISPOSAL CONSIDERATION

Waste should not be disposed to the sewer.

Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14 TRANSPORT INFORMATION

UN NUMBER : N.A.
UN PROPER SHIPPING NAME : N.A.
IMDG CLASS : N.A.
ADR/RID CLASS : N.A.
ICAO/IATA CLASS : N.A.

15 REGULATORY INFORMATION

INTERNATIONAL INVENTORY STATUS

EU REGULATIONS : N.A.
US REGULATIONS : N.A.
AUSTRALIAN SUSMP : None

Safety, health and environmental regulation/legislation specific for the substance or mixture :
The product and its ingredients are not regulated by SVHCs(2016) at REACH regulation on EU.

16 OTHER INFORMATION

ACGIH "TLVs and BEIs 2010"(2010)
International Uniform Chemical Information Database(IUCLID) (2000)
IARC suppl.7(1987)
IARC Monographs Programme on the Evaluation of Carcinogenic Risk to Humans(1987)
67/548/EEC ANNEX I
ACGIH documentation(2010)
IARC Monographs Programme on the Evaluation of Carcinogenic Risk to Humans(1984)
WHO/IPCS: EHC (1982)
WHO/IPCS : International Chemical Safety Cards (2001)
Globally Harmonized System of Classification and Labelling of Chemicals (Fifth revised edition)

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.