

**Safety Data Sheet**  
**LS SPRAY OIL , LS OIL (60ml)**

Date Prepared : January 7, 2016  
 SDS No : 180070SGE-1  
 SATO SPECIAL OIL Co., Ltd.

**1 IDENTIFICATION**

PRODUCT NAME · EndoSync Oil (60ml)  
 FORMULA · Mixture  
 MANUFACTURER  
 COMPANY NAME · SATO SPECIAL OIL CO.,LTD  
 ADDRESS · 4-17, 1-chome, Imafuku-higashi, Joto-ku, Osaka, Japan  
 TELEPHONE No. · +81-6-6932-2451

**2 HAZARDS IDENTIFICATION**

GHS Classification  
 HEALTH HAZARDS  
 ASPIRATION HAZARD · Category 1

Hazards other than those described above, can not be classified or not subject to classification.

## LABEL ELEMENTS

## PICTOGRAM



SIGNAL WORD · DANGER  
 HAZARD STATEMENT · May be fatal if swallowed and enters airways  
 PRECAUTIONARY STATEMENTS  
 PREVENTION · No  
 RESPONSE · IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
 STORAGE · Store in cool, well ventilated and locked in place and sealed containers.  
 DISPOSAL · Container and contents, to outsourcing to a specialist waste disposal company received license from the governor.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

GENERAL USE · Lubricants  
 FORMULA · Mixture

CHEMICAL NAMES	wt%	DANGEROUS OR HAZARDOUS COMPONENTS	CASN <sub>o</sub>
Liquid Paraffin	80 ~ 99%	Not Applicable	Secret
Oilness 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

- 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.

## POTENTIAL HEALTH EFFECTS

- May get sick if inhaled mist.
- If swallowed, irritating the lining of the stomach, you may vomit.

**Safety Data Sheet**

Date Prepared : January 7, 2016

LS SPRAY OIL , LS OIL (60ml)

SDS No : 180070SGE-1

SATO SPECIAL OIL Co., Ltd.

- Contact with the skin, redness of the skin may be.
- Contact with the eye may affect redness, pain.

**5 FIRE FIGHTING MEASURES**

## SUITABLE EXTINGUISHING MEDIA

- Foam, dry chemical or carbon dioxide

## THE PECULIARITY AND DANGER ARE HARMFUL

- Is likely to generate toxic gas irritating or corrosive by fire.
- There is a possibility that the vessel will explode when heated.

## EXTINCTION METHOD

- If the initial fire, the use of powder, the carbon dioxide gas.
- In the case of large-scale fires, it is possible to shut off the air by using a foam or the like is effective.
- The Move containers from fire area if this can be done without risk. Even after digestion, and cooling the container enough with plenty of water.
- I cut off the combustion source to the origin of fire, and fire fighting with the fire extinguishing agent. In addition to cool the tank and buildings around the water spray as there is no risk of fire. Is performed from the windward side extinguish the fire, wear respiratory protection equipment in some cases.

**6 ACCIDENTAL RELEASE MEASURES**

## PERSONAL PRECAUTIONS PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES.

- I wear protective equipment. To the Staff only by, for example, put a rope around the place leaked.
- I stay upwind.
- I away from the lowland.

## ENVIRONMENTAL PRECAUTIONS

- I note product flowing out so that they are not discharged into the rivers.

## REMOVAL METHOD

- Collect empty container that can be sealed to absorb dry sand, earth, sawdust, etc. to the waste in the case of small amount. To recover the lead in a safe place to prevent flow out surrounded by embankment For large quantity. Burned in place of chemical-only, or I will waste disposal.

## PREVENTION OF SECONDARY DISASTER

- I immediately remove all ignition sources. (Smoking in the vicinity, the prohibition of flame or spark)

**7 HANDLING AND STORAGE**

## HANDLING

- The equipment measures described in "8.EXPOSURE CONTROLS/PERSONAL PROTECTION" are done.
- Appropriate protective equipment such as protective spectacles and the protective gloves is worn, and the face-to-face contact is avoided.

## NOTES

- Thoroughly ventilate the workplace.

## SAFETY TREATMENT NOTES

- Fire attention
- Do not handle until all safety precautions have been read and understood.
- The high temperature thing in the surrounding, the spark, and the use of the fire are prohibited.
- Wash hands thoroughly after handling.
- Store in a well-ventilated place.
- Avoid the discharge into the environment.

## STORAGE

## TECHNICAL MEASURES

- The equipment of a lighting, a lighting, and ventilation necessary to store or to handle dangerous articles is installed in the inventory location.
- Store in a well-ventilated place.

## KEEPING CONDITION

## Safety Data Sheet

Date Prepared : January 7, 2016

LS SPRAY OIL , LS OIL (60ml)

SDS No : 180070SGE-1

SATO SPECIAL OIL Co., Ltd.

- It seals up, and it keeps it in the indoor cool dark place.
- Separate from the ignition source such as heat, sparks, and the naked light and keep it. No smoking
- It separates from the oxidant and it keeps it.
- Protect from sunlight.
- Store locked up.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

## EQUIPMENT MEASURES

- To provide a local exhaust ventilation or sealing of the source if the mist is generated or steam. Electrical equipment used those explosion-proof structure. To provide facilities for the body wash and eyewash near the handling area.

MANAGEMENT DENSITY - Not

Specified ALLOWABLE CONCENTRATION -

Not Specified

- Occupational Exposure Limits

- Not Specified

## PROTECTIVE MEASURES

- The use of electrical lighting equipment of explosion proof ventilation as appropriate.
- Material handling and storage of the workplace is not to establish a safety shower and eyewash.
- Make exhaust ventilation to keep levels below exposure limits in the air.
- Mist in the process occurs when heat is to install a ventilation system to keep control of air pollutants to below levels.

## PROTECTIVE EQUIPMENT

- Wear protective gloves/protective clothing/eye protection/face protection.

## SANITARY REQUIREMENT

- Wash hands thoroughly after handling.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE

- Collarless

ODOR

- odorless

BOILING POINT

- N.A.

DECOMPOSITION TEMPERATURE

- N.A.

VAPOR PRESSURE

- N.A.

VOLATILITY

- N.A.

FIRE POINT

- N.A.

FLASH POINT

- 170°C < (Cleveland open cup method)

POUR POINT

- -25°C as a representative value

EXPLOSION LIMIT

- N.A.

MELTING POINT

- N.A.

SPECIFIC GRAVITY

- 0.86g/cm<sup>3</sup> (at 15°C) as a representative value

INITIAL BOILING POINT

- N.A.

SOLUBILITY

- Insoluble in Water

KINEMATIC VISCOSITY

- 12 mm<sup>2</sup>/s (at 40°C) as a representative

value OTHER

- N.A.

**10 STABILITY AND REACTIVITY**

CHEMICAL STABILITY

- Is stable at room

temperature DANGEROUS, HARMFUL REACTIVE POSSIBILITY

- Oxidants (substances prohibited interference) may react to contact with.

CONDITION TO AVOID

- Contact with incompatible

materials INCOMPATIBLE MATERIALS

- Peroxide, a strong

oxidizing agent OTHER

- N.A.

**11 TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY (Oral)

- Classification not possible because no

data. ACUTE TOXICITY (Dermal)

- Classification not possible because no

data.

**Safety Data Sheet**

Date Prepared : January 7, 2016

LS SPRAY OIL , LS OIL (60ml)

SDS No : 180070SGE-1

SATO SPECIAL OIL Co., Ltd.

ACUTE TOXICITY(Mists) · Classification not possible because no data.  
 SKIN CORROSION / IRRITATION · Classification not possible because no data.  
 SERIOUS EYE DAMAGE / EYE IRRITATION · Classification not possible because no data.  
 RESPIRATORY SENSITIZATION · Classification not possible because no data  
 SKIN SENSITIZATION · Classification not possible because no data  
 GERM CELL MUTAGENICITY · Classification not possible because no data  
 CARCINOGENICITY · Classification not possible because no data  
 REPRODUCTIVE TOXICITY · Classification not possible because no data  
 SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE) · Classification not possible because no data  
 SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE) · Classification not possible because no data  
 ASPIRATION HAZARD · Containing more than 1% category 1 ingredient so with category 1.

\* "Classification of chemical substances based on the GHS" in accordance with the above decision (JIS Z7252-2009).

**12 ECOLOGICAL INFORMATION**

HAZARDOUS TO THE AQUATIC ENVIRONMENT(Acute) · Classification not possible because no data  
 HAZARDOUS TO THE AQUATIC ENVIRONMENT(Chronic) · Classification not possible because no data  
 HAZARDOUS TO THE OZONE LAYER · Classification not possible because no data

\* "Classification of chemical substances based on the GHS" in accordance with the above decision (JIS Z7252-2009).

**13 DISPOSAL CONSIDERATION****THE REMAINDER WASTE**

Applicable laws and regulations must be processed (the Waste Management Act, the Fire Services Act, etc.) in accordance with, and process industrial waste disposal contractor has received the permission of the prefectural governor, etc. specializing in this. Processed delegated to it in the case of local government is in the process or that.

**CONTAMINATED VESSEL AND WRAPPING**

The container cleanly recycles, does or does proper disposal according to the standard of the relevant statute and the local government.

Remove contents completely when you abandon an empty container.

**14 TRANSPORT INFORMATION**

UN CLASS/UN NUMBER · Not applicable

**SPECIFIC PRECAUTIONARY TRANSPORT MEASURES AND CONDITIONS**

· Refer section 6 and section 7. Prior to transport, check the containers and loading to prevent turnover, fall and damage transport in accordance with regulations.

**15 REGULATORY INFORMATION****INTERNATIONAL INVENTORY STATUS**

EU REGULATIONS · Not Applicable

US REGULATIONS · Not Applicable

**16 OTHER INFORMATION**

To the best of our knowledge, the information contained herein is accurate.

However, SATO SPECIAL OIL Company assumes no liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist.