

SAFETY DATA SHEET

FORM NO. RND/FM/07

REV. NO. 0, DATE: 1.06.2015

REV 0

Section 1: Identification

Product name:	LK-SIL-100T (1000)
Common name:	Polydimethyl siloxane, silicone oil
Manufacturer or supplier's details	
Company name of supplier:	ELKAY CHEMICALS PVT. LTD.
Address:	J-152/153, M.I.D.C BHOSARI, PUNE-411026, INDIA
Telephone Number:	+91-20-30624165/66/67/68 Fax No. : +91-20-30635300 Emergency Telephone No: +91-20-30624165
Recommended use of chemical:	Lubricant, surfactant, surface tension reducer and intermediate

Section 2: Hazard(s) Identification

GHS Hazard Classification:	Not a hazardous substance or mixture
Signal Word:	None
Hazard statement(s):	Not a hazardous substance or mixture
Pictogram label elements:	Not a hazardous substance or mixture
Precautionary statement(s)	
P234: Keep only in original container	
Other Hazards:	None Known

Section 3: Composition/Information on Ingredients

Substance Name:	Poly(dimethyl siloxane)
CAS No:	63148-62-9
Chemical Nature:	Silicones

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Section 4: First-Aid Measures**Description of first aid measures****If inhaled**

If breathed in move the person to fresh air. Consult a physician if any symptoms occur.

In case of skin contact

Flush with water then wash with soap and water. Consult a physician if any symptoms occur.

In case of eye contact

Flush eyes with flowing water for 15 minutes. Consult a physician if any symptoms occur.

If swallowed

Never induce vomiting. Drink water to dilute ingested material. Consult a physician if any symptoms occur.

Most important symptoms or effects, and any symptoms that are acute or delayed

None known

Recommendations for immediate medical care and special treatment needed, when necessary

No data available

Section 5: Fire-Fighting Measures**Extinguishing media****Suitable Extinguishing media**

Use water spray, alcohol, resistance foam, dry chemical CO₂

Unsuitable Extinguishing media

None known

Specific hazards that develop from the chemical during the fire, such as any hazardous

Carbon oxides, silicone dioxide, and traces of incompletely burned carbon compounds and formaldehyde

Recommendations on special protective equipment or precautions for firefighters.

Self-contained breathing apparatus & protective clothing should be worn in fighting large fires involving chemicals. Avoid skin eye contact,

Section 6: Accidental Release Measures

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Personal precautions and protective equipment

Follow safe handling advice & Use personal protective equipment.

Environmental precautions

Discharge into the environment must be avoided.

Prevent further leakage or spillage if safe to do so.

Methods and materials used for containment and cleanup

Absorb with an inert absorbent (sand, saw dust). Scrape up and place in appropriate closed container. Do not flush to drain.

Section 7: Handling and Storage**Precautions for safe handling**

Handle with accordance good industrial safety regulation

Conditions for safe storage, including any incompatibilities

Keep in properly labeled container. Store in a closed container.

Requirements for storage areas and containers

Keep container tightly closed. Keep cool. Protect from sunlight.

Advice on common storage

Do not store with the following product types : Strong oxidizing agent

Section 8: Exposure Controls/Personal Protection**Control parameters**

Contains no substances with occupational exposure limit values

Exposure Controls**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands properly after work. Ensure adequate ventilation especially in confined areas

Personal protective equipment

Eye equipment : Tightly fitting safety goggles

Hand protection : Use gloves. Dispose of contaminated gloves

Skin protection : Wear suitable protective clothing. Skin should be washed after contact

Respiratory protection : Use of safety mask during handling

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Section 9: Physical and Chemical Properties

Physical state:	Liquid
Colour:	Colourless
Odor:	Characteristic odor
Vapor pressure:	No data available
Odor threshold:	No data available
Vapor density:	No data available
pH:	No data available
Relative density:	No data available
Melting point/freezing point:	No data available
Solubility(ies):	Soluble in toluene, insoluble in water, ethanol
Initial boiling point and boiling range:	Not determined
Flash point:	Above 260°C
Upper/lower flammability or explosive limits:	No data available

Section 10: Stability and Reactivity

Reactivity

No classified as reactive hazard.

Chemical stability

Material is stable under normal conditions

Possibility of hazardous reaction

Can react with strong oxidizing agents. When heated above 150 deg. C May generate a trace amount of formaldehyde release.

Conditions to avoid

None known

Incompatible materials

Oxidizing agents

Hazardous decomposition products

Thermal decomposition : Organic acid vapor, carbon oxide, silicon dioxide and traces of incompletely burnt carbon compounds and formaldehyde

Section 11: Toxicological Information

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Information on toxicological effects**Acute toxicity**

Not classified based on available information

Skin corrosion

Not classified based on available information

Serious eye damage/eye irritation

Not classified based on available information

Respiratory or skin sensitization

Not classified based on available information

Carcinogenicity

Not classified based on available information

Section 12: Ecological Information (non-mandatory)

Eco-toxicity

Product - Toxicity to daphnia : EC 50 : > 200 mg/l Exposure time 48 hrs

Persistence & degradability: No data available

Section 13: Disposal Considerations (non-mandatory)

Incinerate in a furnace where permitted under national and local regulations. Follow all chemical pollution control regulation. Consult state and local regulations regarding the proper disposal of this material.

Section 14: Transport Information (non-mandatory)

International Regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

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IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not product applicable for as supplied

Domestic regulation

49 CFR

Not regulated as a dangerous good

Section 15: Regulatory Information (non-mandatory)**EPCRA****Emergency Planning and Community Right to Know****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ

SARA 304

This material does not contain any components with a section 304 EHS RQ

SARA 311/312 Hazards

No SARA Hazards

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313

This material does not contain any components with known CAS number that exceed the threshold (De Minimis)reporting levels established by SARA Title III, section 313

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status

CLASSIFICATION

This product is classified under dimethyl silicone fluid or labeled

Chemical Inventory

: All chemical substances in this material are included on or exempted from listings on the TSCA inventory of chemical substances

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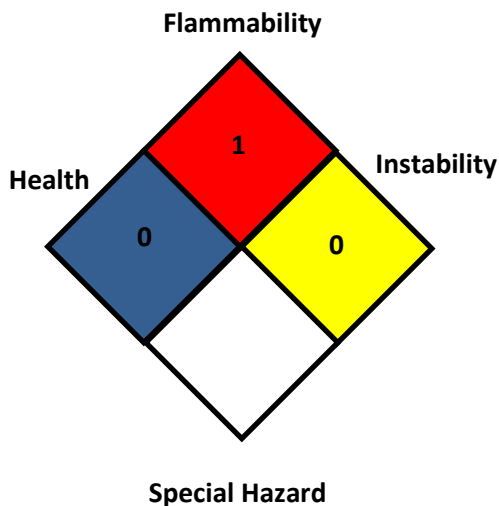
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Section 16: Other Information

NFPA :



0= not significant
1= slight
2= moderate
3= High
4= Extreme

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in process unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage including an assessment of the appropriateness of the SDS material in the users end product

Recommended uses and restrictions

Please consult the technical data sheet of product for more information.

The opinions expressed herein are those of qualified experts within Elkay. We believe that the information contained herein is current as of the date of this safety data sheet. Since the use of this information, opinions and the conditions of use of this product are not within the control of Elkay, it is the user's obligations to determine the condition of safe use of the products.

SDS Dated : 1st June 2015