

Section 1: Identification**Product Name** : LK-EM 61**Common Name** : Dimethyl polysiloxane emulsion**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 No.** : +91-7420001501

: +91-7420001502

Recommended use of chemical : Additives, Lubricants & Lubricant additives, Anti-set off & adhesives agents**Section 2: Hazard(s) Identification****GHS Hazard Classification**

Serious eye damage : Category 1

Signal Word : Danger**Hazard statement(s)** :H318 Causes serious eye damage.**Pictogram label elements****Precautionary statement(s) :****Prevention :**

P261 Avoid breathing spray.

P271 Use only outdoors or in a well-ventilated area

P280 Wear eye protection/ face protection

Response:

If in eyes :Rinse with water for some minutes

Other Hazards: None Known

Section 3: Composition/Information on Ingredients

Substance Name : Mixture
Chemical Nature : Silicone Emulsion

Substance Name	CAS No.	%
Polydimethylsiloxane	63148-62-9	> 50 %
Alkyl alcohol ethoxylate	68439-49-6	< 10 %
Water	7732-18-5	< 40 %

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

Do not induce vomiting. Consult a physician if any symptoms occur, Rinse mouth thoroughly with water.

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

Causes serious eye damage.

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

Treat symptomatically & supportively

Section 5: Fire-Fighting Measures

Extinguishing media**Suitable Extinguishing media**

Use water spray , alcohol-resistant foam, dry chemical & carbon dioxide (CO₂)

Unsuitable Extinguishing media

None known

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

Carbon oxides, silicone dioxide, formaldehyde

Recommendations on special protective equipment or precautions for firefighters.

Wear Self-contained breathing apparatus & Use personal protective equipment,

Section 6: Accidental Release Measures

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.

Local authorities should be advised if significant spillages cannot be contained.

Methods and materials used for containment and cleanup

Soak up with inert absorbent material, For large spills, provide other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.

Clean up remaining materials from spill with suitable absorbent.

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 agents

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 Chemical-resistant goggles
Hand protection	: Use Chemical-resistant gloves. Dispose of contaminated gloves
Skin protection	: Wear suitable protective clothing based on chemical resistance data. Skin should be washed after contact
Respiratory protection	: No personal respiratory protective equipment normally required.

Section 9: Physical and Chemical Properties

Physical state	Liquid
Colour	Milky white
Viscosity @ 25°C(cst)	No data available
Odor	Characteristic odor
Vapor pressure	No data available
Odor threshold	No data available
Vapor density	No data available
pH	6-8
Specific gravity @ 25°C	0.98-1.0
Melting point/freezing point	No data available
Solubility(ies) in water	dispersible
Initial boiling point and boiling range	Not determined
Flash point(closed cup)	>100°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°C May generate a trace amount of formaldehyde release.

Conditions to avoid

None known

Incompatible materials

Oxidizing agents

Hazardous decomposition products

Thermal decomposition : Formaldehyde

Section 11: Toxicological Information**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

Causes serious eye damage.

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 : No data available

Persistence & degradability: No data available



Section 13: Disposal Considerations (non-mandatory)

This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

If not otherwise specified: Dispose of as unused product

Section 14: Transport Information (non-mandatory)

International Regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

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)

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

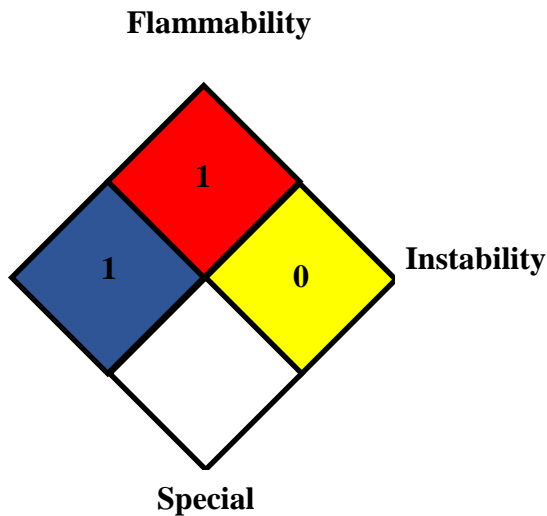
: All chemical substances in this material are included on or exempted from listings on the TSCA inventory of chemical substances



Section 16: Other Information

Health

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 February 2019