



## SAFETY DATA SHEET

Version 5.0

Revision Date 06/21/2018

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifiers

Product name: **LipoMax Transfection Reagent**

Product Number: 32011/32012

Brand: Sudgen

#### Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Synthesis of substances

#### Details of the supplier of the safety data sheet

Company: Sudgen  
#12, Xuefu Road  
Pukou High-Tech Development District  
Nanjing, Jiangsu Province  
China

Telephone: +080-025-58641560

#### Emergency telephone number

Emergency Phone: +080-13810959627

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### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not a hazardous substance or mixture.

#### GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

#### Hazards not otherwise classified (HNOC) or not covered by GHS

None

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

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### 4. FIRST AID MEASURES

#### Skin contact

Rinse cautiously with water for several minutes. Immediate medical attention is not required.

#### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do.

#### **Ingestion**

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

#### **Inhalation**

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

#### **Most important symptoms and effects, both acute and delayed**

Not applicable

#### **Notes to Physician**

Treat symptomatically.

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### **5. FIREFIGHTING MEASURES**

#### **Extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

#### **Special hazards arising from the substance or mixture**

Standard procedure for chemical fires.

#### **Advice for firefighters**

No data available

#### **Further information**

No data available

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### **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal precautions, protective equipment and emergency procedures**

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

#### **Environmental precautions**

No special environmental precautions required.

#### **Methods and materials for containment and cleaning up**

Soak up with inert absorbent material.

#### **Reference to other sections**

For disposal see section 13.

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### **7. HANDLING AND STORAGE**

#### **Precautions for safe handling**

Always wear recommended Personal Protective Equipment. Wear personal protective equipment.

#### **Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a dry, cool and well-ventilated place.

Recommended storage temperature 2 - 8 °C

#### **Specific end use(s)**

No other specific uses are stipulated

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### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control parameters**

Components with workplace control parameters

Exposure controls No data available

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	liquid
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient: noctanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Other safety information	No data available

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## 10. STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	No data available
Hazardous decomposition products	No data available

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## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

There is no evidence available indicating acute toxicity.

#### Skin corrosion/irritation

May cause skin irritation in susceptible persons

#### Serious eye damage/eye irritation

May cause eye irritation with susceptible persons

#### Respiratory or skin sensitization

May be harmful by inhalation

#### Germ cell mutagenicity

None

<b>Carcinogenicity</b>	None
<b>Reproductive toxicity</b>	None
<b>Specific target organ toxicity-single exposure</b>	No information available
<b>Specific target organ toxicity-repeated exposure</b>	No information available
<b>Aspiration hazard</b>	No information available
<b>Additional Information</b>	No information available

## 12. ECOLOGICAL INFORMATION

### Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

<b>Persistence and degradability</b>	Inherently biodegradable.
<b>Bioaccumulative potential</b>	Material does not bioaccumulate.
<b>Mobility in soil</b>	No information available
<b>Other adverse effects</b>	No information available

## 13. DISPOSAL CONSIDERATIONS

Dispose of contents/containers in accordance with local regulations.

## 14. TRANSPORT INFORMATION

<b>DOT (US)</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods

## 15. REGULATORY INFORMATION

<b>SARA 311/312 Hazards</b>	No SARA Hazards
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## 16. OTHER INFORMATION

For research use only. Not for use in diagnostic procedures.

### Further information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sudgen Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.sigma-aldrich.com](http://www.sigma-aldrich.com) and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

### Preparation Information

Sudgen Corporation

Version: 5.0