



# Material Safety Data Sheet

## Sila-plex<sup>®</sup> Glycolic acid 50%

### 1 Product identification

<u>Product name</u>	<b>Sila-plex<sup>®</sup>Glycolic acid 50%</b>
<u>Manufacture</u>	Room 1138, 2th Building , LvdiHuichuang international square, NO.6, Kexing Road, Baiyun District, Guangzhou, Guangdong, China. Tel: 020-36261692 36261697 Fax: 020-36261697 Website: www.silat-group.com

### 2 Composition and ingredient information

<u>Chemical name</u>	β- cyclodextrin and Glycolic acid 50%l complex
<u>CAS NO</u>	Glycolic acid (79-14-1), Cyclodextrin( 7585-39-9)

### 3 Possible hazard

<u>Hazards for the health</u>	Irritate to eye, skin, and respiratory tract
<u>Hazards for the environment</u>	Harmful to the environment, pollute the water and the atmosphere
<u>Burning hazards</u>	Flammable

### 4 First aid measures

<u>Skin contact</u>	Immediately wash with plenty of water and seek medical advice if necessary.
<u>Eye contact</u>	Flush with plenty of water for at least 15 minutes and seek medical advice if necessary
<u>Inhalation</u>	Fresh air. In case of persistent cough or other respiratory symptoms, seek medical advice
<u>Ingestion</u>	Drink milk or Egg white and seek medical advice or call a poison control center
<u>Other first aid information</u>	Not Known

### 5 Fire fighting measures

<u>Extinguishing media</u>	Water, carbon dioxide, foam, dry powder.
<u>Unusual fire fighting hazards</u>	Irritating and highly toxic gases may be generated by thermal decomposition or combustion.
<u>Special fire fighting procedure</u>	Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear
<u>Other recommendations</u>	-

### 6 Accidental release measures

<u>Personal precautions</u>	Avoid the contact of eye and skin, inhalation and ingestion
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<u>Environmental precautions</u>	Not know
<u>Cleanup procedures</u>	Avoid generating dusty conditions. Flush with plenty of water into the sewage system or collected or transported to waste disposal sites.

## 7 Handling and Storage

<u>Handling precautions</u>	Avoid eye and skin contact and operate in closed, partial exhaust condition
<u>Storage precautions</u>	Avoid fire and high temperature.
<u>Other information</u>	Keep the product in a clean, cool and dark place.

## 8 Exposure controls and personal protection

<u>8.1 Exposure controls</u>	See 7.1
<u>8.2 Engineering control measures</u>	Not know
<u>8.3 Personal protective equipment</u>	
Respiratory protection	Use appropriate protection, i.e. a cartridge mask
Hand protection	Gloves
Eye protection	Safety glasses
Skin protection	Additional protective equipment is not normally required
Other	—

## 9 Physical and chemical properties

<u>9.1 Appearance</u>	
Physical state	Viscous liquid
Color	Colorless
Odor	Weak characteristic odor
<u>9.2 Safety related information</u>	
PH Value	Not determined
Density	Not determined
Boiling point/boiling rang	Not determined
Flash point	Not determined
Melting point/melting range	Not applicable
Viscosity	Not determined

## 10 Stability and reactivity

<u>Conditions to avoid</u>	Avoid High temperature
<u>Materials to avoid</u>	Avoid contacting with Oxidants, alkaloids
<u>Hazardous decomposition products</u>	Carbon monoxide

## 11 Toxicological information

<u>Primary cutaneous irritation in humans</u>	Irritant
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<u>Cytotoxicity in vitro</u>	Toxic
<u>Glycolic acid</u>	
LD 50( vein, rat)	1000mg/kg
Carcinogenicity	Any evidence of such effects
Mutagenicity	Any definition from official institutions
Effects on mutagenicity	Any epidemiological evidence
<u>Cyclodextrin</u>	
LD 50	> 12000 mg/kg (literature datum, provided by the supplier).

12 Environmental information

<u>Mobility</u>	Not determined
<u>Persistence and degradability</u>	Not determined
<u>Bioaccumulative potential</u>	Not determined
<u>Ecological toxicity</u>	Not determined
<u>Other information</u>	–

13 Disposal considerations

<u>Product disposal</u>	Dispose of in accordance with local regulations. Incineration is the most recommended disposal method.
<u>Packaging disposal</u>	Must be dumped or incinerated in accordance with local regulations.

14 Transport information

Not classified as hazardous under transport regulations.

15 Regulatory information

<u>Supply classification and labeling</u>	No special packaging and labeling required
<u>National legislation</u>	For further information we recommend to consider the corresponding appropriate national legislation.

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