



# Material Safety Data Sheet

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

### 1 Product identification

<u>Product name</u>	Sila-plex <sup>®</sup> salicylic acid 50 %
<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 salicylic acid 50% complex
<u>INCI name</u>	Cyclodextrin (7585-39-90), salicylic acid (69-72-7)

### 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
<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>	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
<u>Environmental precautions</u>	None

## Cleanup procedures

Covered with plastic cloth and canvas; Collected or transported to waste disposal sites. Avoid dust condition

## 7 Handling and Storage

### Handling precautions

Avoid eye and skin contact and operate in closed, partial exhaust condition

### Storage precautions

Avoid fire and high temperature

### Other information

Keep the product in a clean, cool and dark place.

## 8 Exposure controls and personal protection

### 8.1 Exposure controls

See 7.1

### 8.2 Engineering control measures

Not know

### 8.3 Personal protective equipment

Respiratory protection

Use appropriate protection, i.e. a cartridge mask

Hand protection

Gloves

Eye protection

Safety glasses

Skin protection

Wear working clothes completely protecting the skin

Other

-

## 9 Physical and chemical properties

### 9.1 Appearance

Physical state

Powder

Color

White

Odor

Weak characteristic odor

### 9.2 Safety related information

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

### Conditions to avoid

Avoid High temperature

### Materials to avoid

Avoid contacting with Oxidants, alkaloids

### Hazardous decomposition products

Not Known

## 11 Toxicological information

### Primary cutaneous irritation in humans

Irritant

### Cytotoxicity in vitro

Toxic

### Salicylic acid (data provided by the supplier)

LD 50( vein, rat)	500mg/kg
Carcinogenicity	Any evidence of such effects
Mutagenicity	Any definition from official institutions
Effects on mutagenicity	Any epidemiological evidence

### Cyclodextrin

LD 50	> 12000 mg/kg (literature datum, provided by the supplier)
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## 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>	Flush with plenty of water into the sewage system
<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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