

## L-Sodium Lactate

### 1 Product identification

<u>Product name</u>	<b>L-Sodium Lactate</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>	Sodium-L-2-hydroxy-propionate
<u>Component</u>	60% aqueous solution
<u>CAS</u>	867-56-1

### 3 Possible hazard

<u>Personal Hazards</u>	May cause eye irritation with susceptible persons
<u>Carcinogen</u>	None
<u>Hazards for the environment</u>	None
<u>Burning and explosion hazards</u>	None

### 4 First aid measures

<u>Skin contact</u>	Flush skin 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>	If breathing is difficult give oxygen call a physician.
<u>Ingestion</u>	If swallowed give plenty of water If in doubt call a physician Immediately
<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>	Burning produces irritant fumes
<u>Special fire fighting procedure</u>	Wear self contained breathing apparatus for fire fighting if necessary
<u>Other recommendations</u>	No special precautions or measures necessary

### 6 Accidental release measures

<u>Personal precautions</u>	Wear personal protective equipment Avoid contact with skin and eyes
<u>Environmental precautions</u>	prevent further leakage or spillage .
<u>Cleanup procedures</u>	Burn in an incinerator after being absorbed with a combustible thing like a rag Place spilled material in Clean dry sealable labeled container clean up the leaked place with plenty of water.

## 7 Handling and Storage

<u>Handling precautions</u>	Keep the container well when handling. Handle the materials on clean clothes and in a cleaned room.
<u>Storage precautions</u>	Keep container tightly closed, keep in properly labeled containers. Store in areas shielded the light, and below room temperature. Avoid long storage times.
<u>Packaging material</u>	Polyethylene plastic containers etc.
<u>Other information</u>	-

## 8 Exposure controls and personal protection

<u>8.1 Exposure controls</u>	See 7.1
<u>8.2 Engineering control measures</u>	Ensure adequate ventilation, especially in confined areas reduce exposure
<u>8.3 Personal protective equipment</u>	
Hand protection	For prolonged or repeated contact use protective gloves.
Skin protection	Protective cloth
Eye protection	Safety glasses
Hygiene measure	General industrial hygiene practice.
Other	-

## 9 Physical and chemical properties

### 9.1 Appearance

Physical state	Liquid
Color	Colorless
Odor	Light

### 9.2 Safety related information

PH Value	6 ~ 8
Density (20°C)	1.30 ~ 1.34g/ml (60% solution)
Boiling point/boiling rang	110°C (60% solution)
Decomposition temperature	>200°C
Solubility	Freely soluble in water
Viscosity	80 ~ 160 mPa • s(20°C)

## 10 Stability and reactivity

<u>Storage stability</u>	Stable under recommended storage conditions
--------------------------	---

<u>Materials to avoid</u>	Not know
<u>Hazardous decomposition products</u>	Carbon oxides products

## 11 Toxicological information

<u>Acute toxicity</u>	LD <sub>50</sub> : 2000 mg/kg (rat intraperitoneal ) LD <sub>50</sub> : 2000 mg/kg (rat, oral )
<u>Carcinogenicity.</u>	Bacterial mutagenicity test, negative
<u>Local effects</u>	May cause eye irritation with susceptible persons

## 12 Environmental information

<u>Mobility</u>	Completely soluble, readily biodegradable does not occur hazardous polymerization.
<u>Chemical Oxygen Demand</u>	0.53g O <sub>2</sub> /g (COD)
<u>Biochemical Oxygen Demand (BOD) 20</u>	0.65g O <sub>2</sub> /g
<u>Other information</u>	–

## 13 Disposal considerations

<u>Product disposal</u>	Flush with plenty of water into the sewage system
<u>Packaging disposal</u>	Recycle containers if possible
<u>Further information</u>	Treatment, storage, transportation, and disposal must be 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.

## Disclaimer:

This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use or disposal of this product. If the product is used as a component in another product, this MSDS information may not be applicable.