



# MATERIAL SAFETY DATA SHEET (MSDS)

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

A. PRODUCT NAME	<b>SILIA LX7</b>
B. PRODUCT SUBSTANCE	SiO <sub>2</sub>
C. COMPANY IDENTIFICATION	
Company Name:	LUXON KOREA FINE CHEMICAL CO.,LTD.
Address:	4th FL, B, 512, Hoedong-gil, Paju-si, Gyeonggi-do, Republic of Korea
Telephone:	Tel: 82-31-943-7751 Fax: 82-31-943-7752
D. Original Date	2010-05-15
E. Revision Date:	2016-09-01

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Silicon Dioxide	95% min
CTFA/INCI Name	Silica
CAS Number	7631-86-9
EINECS Number	231-545-4

## 3. HAZARDS IDENTIFICATION

Most Important Hazards	Prolonged or repeated exposure may cause lung damage.
Ingestion	No adverse health effects are expected from swallowing.
Skin contact	May cause skin irritation
Eye contact	Dust may cause irritation and inflammation.
Chronic Health Hazards	Prolonged or repeated exposure to dust may cause pulmonary problems.
Aggravated Medical Conditions	Pulmonary disorders. Allergies.

## 4. FIRST AID MEASURES

After inhalation (large amounts of dusts)	Move person to fresh air. Aid in breathing.
After Ingestion	If large quantities are ingested, seek medical advice.
After skin contact	Wash off with soap and clean water.
After eye contact	Immediately flush eyes with plenty of water for at least 15 minutes.

## 5. FIRE FIGHTING MEASURES

Flash Point, °C	Incombustible
Autoignition Temperature, °C	Incombustible
Explosive limit (Lower/Upper), %	Not required
Extinguishing media	Not required
Special risks	Non-combustible. Ambient fire may liberate hazardous vapours.
Special protective equipment for fire	Don't stay in dangerous zone without self-contained breathing apparatus
Unusual fire and Explosion Hazards	None

## 6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures  
Procedures for cleaning/absorption

Avoid inhalation of dusts.  
Take up dry. Forward for disposal. Clean up affected area.  
Avoid generation of dusts.

## 7. HANDLING AND STORAGE

Handling	Wash thoroughly after handling. Avoid contact with eyes.
Storage	Store in a cool dry place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection	Required to protect when dusts are generated
Hand protection	Use recommended
Eye protection	Safety glasses with the side shields.
Ventilation	Required General ventilation
Industrial Hygiene	Change contaminated clothing. Wash hands after working with substance

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
Odor	Slight odor
pH	5.0-9.0
Volatile by volume	Not applicable
Boiling point	Not applicable
Solubility in water (20°C)	Insoluble

## 10. STABILITY AND REACTIVITY

Stability data	Inert to most chemicals, reagents. Stable under all conditions
Conditions to be avoided	None
Substances to be avoided	None
Hazardous decomposition products	No information available

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity - Oral	Not available
Acute toxicity - Inhalation	Not available
Acute toxicity - Dermal	Not available
Acute toxicity - Other	Not available

## 12. ECOLOGICAL INFORMATION

Ecotoxic effects	Quantitative data on the ecological effect of this product are not available.
Further ecological data	No ecological problems are to be expected when the product is handled and used with due care and attention.

## 13. DISPOSAL CONSIDERATION

US EPA Waste Number	Packaging
Product	To be disposed of in compliance with the local regulations.
Packaging	LUXON KOREA FINE CHEMICAL product packaging must be disposed of in compliance with TSCA inventory. Must be passed to a packaging return system.

#### 14. TRANSPORT INFORMATION

International transport regulations	Not regulated
IATA	Not regulated

#### 15. REGULATORY INFORMATION

United States	This product or its ingredients are listed on or compliant with TSCA inventory.
Europe	This product or its ingredients are listed on or compliant with EINECS.
Japan	This product or its ingredients are listed on or compliant with MITI.

#### 16. Special Precautions (HMIS Rating)

Health	1
Flammability	0
Reactivity	0
Maximum Personal Protection	E

#### 17. OTHER INFORMATION

The information on use is based on data which are believable and reliable, but any recommendation or suggestion made are without guarantee or warranty, since the conditions of use are outside our control. All products are sold on the conditions that purchasers shall make their own tests to determine the suitability of such products for their propose and that all risks are assumed by user. We disclaim any responsibility for damages resulting from careless or improper handling or use. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.