



# Safety Data Sheet

Created date 01-Jun.-2016  
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## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY /UNDERTAKING

**Product Name: Asolectin Liposome, Lyophilized**

**Identified use: Laboratory chemicals**

**Company/Undertaking Identification**

CellFree Sciences Co., Ltd  
Yokohama Bio Industry Center, 1-6 Suehiro-cho Tsurumi-ku  
Yokohama, Kanagawa 230-0045, Japan

Contact Information

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## 2. HAZARDOUS IDENTIFICATION

GHS Classification: N/A  
Other hazards: none

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous/Non-hazardous Components

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

CHEMICAL NAME	Concentration,wt%	CAS No.
Asolectin, from soybean	100	69279-91-0

## 4. FIRST AID AND MEASURES

### INHALATION EXPOSURE:

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

### SKIN CONTACT:

Wash off with soap and plenty of water. Remove all contaminated clothing and shoes. If irritation is continued, refer to medical attention.

### EYE CONTACT:

Flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

### INGESTION:

Wash out mouth with water provided person is conscious. Rinse mouth with water. Call a physician. Never give anything to someone unconscious.

## **5. FIRE FIGHTING MEASURES**

### SUITABLE EXTINGUISHING MEDIA:

Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OF MIXTURE:

Carbon oxides, nitrogen oxides (NO<sub>x</sub>).

### FIREFIGHTING:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### FUTHER INFORMATION:

No data available

## **6. ACCIDENTAL RELEASE MEASURES**

### PERSONAL PRECAUTIONS:

Avoid dust formation. Avoid breathing vapours, mist or gas.

### ENVIRONMENTAL PRECAUTIONS:

Do not let product enter drains.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Sweep up and shovel. Keep in suitable, closed containers for disposal.

## **7. HANDLING AND STORAGE**

### HANDLING:

Provide appropriate exhaust ventilation at place where dust is formed.

### STORAGE:

No special measures necessary. Store at room temperature or below.

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

### EXPOSURE CONTROL:

Use this product only in a totally enclosed systems or local exhaust ventilation. Make available in the work area with emergency shower and eyes washer.

### CONTROL PARAMETERS:

Components with workplace control parameters.

### ENGINEERING MEASURE:

Do not use in area without adequate ventilation and local exhaust ventilation. Make available in the work area with emergency shower and eye washer.

### PERSONAL PROTECTION EQUIPMENT;

Respiratory protection: Respiratory protection is not required.

Eye protection: Safety goggles

Hand and skin protection: Chemical-resistant groves

Body protection: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Beige powder
ODOUR:	No data available
pH:	No data available
MELTING POINT:	No data available
BOILING POINT:	No data available
FLASH POINT:	No data available
RELATIVE DENSITY:	No data available
SOLUBILITY IN WATER:	No data available
PARTITION COEFFICIENT (N-OCTANOL/WATER):	No data available
AUTO-IGNITION TEMPERATURE:	No data available
EXPLOSIVE LIMITS:	No data available
VAPOR PRESSURE:	No data available
VAPOR DENSITY:	No data available
DECOMPOSITION TEMPERATURE:	No data available

## **10. STABILITY AND REACTIVITY**

REACTIVITY:	No data available
CHEMICAL STABILITY:	Stable under recommended storage conditions.
CONDITIONS TO AVOID:	No data available
INCOMPATIBLE MATERIALS:	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS:	No data available

## **11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY:	No data available
SKIN CORROSION/IRRITATION:	No data available
SERIOUS EYE DAMAGE/EYE IRRITATION:	No data available
RESPIRATORY OR SKIN SENSITIZATION:	No data available
GERM CELL MUTAGENICITY:	No data available
CARCINOGENIC EFFECTS:	No data available
REPRODUCTIVE TOXICITY:	No data available
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:	No data available
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:	No data available
ASPIRATION HAZARD:	No data available

## **12. ECOLOGICAL INFORMATION**

BIODEGRADABILITY:	No data available
BIOACCUMULATION POTENTIAL:	No data available
ECO-TOXICITY:	No data available

## **13. DISPOSAL CONSIDERATION**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**14. TRANSPORT INFORMATION**

UN CLASSIFICATION:	N/A
UN NUMBER:	None.
SPECIAL PRECAUTIONS FOR USER:	No data available
IATA:	Not Restricted.
DOT(Department of Transportation):	Not a Hazardous Material for DOT shipping.

**15. REGULATORY INFORMATION**

Regulatory information with regard to this preparation in your country or region should be examined by your own responsibility.

**16. OTHER INFORMATION**

The above information is believed to be correct to be the best of our knowledge and information but does not purport to be all inclusive and shall be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volume, or conditions of use the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, OF ITS SUITABILITY FOR A PARTICULAR PURPOSE.D