

## MATERIAL SAFETY DATA SHEET

### **SECTION 1: IDENTIFICATION**

**PRODUCT NAME : NULEC-P SUN 700 (SUNFLOWER LECITHIN IN POWDER FORM FOR FOOD)**

<b>Manufacturer</b>	<b>SHANKAR SOYA CONCEPTS</b>
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<b>Use</b>	<b>for Food Industry</b>

### **SECTION 2: HAZARD(S) IDENTIFICATION**

<b>CAS number</b>	<b>8002-43-5</b>
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**NON HAZARDOUS IN NATURE**

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>Sunflower Lecithin</b>
<b>Composition</b>	<b>100 %</b>

### **SECTION 4: FIRST-AID MEASURES**

**EYE:**

**Immediately flush eyes with water for at least 5 minutes**

**SKIN:**

**Remove contamination clothing. Wash the affected area of skin thoroughly with soap and water**

**INHALED:**

**Rinse mouth and throat thoroughly with water. Remove the affected person to fresh air**

**SWOLLEN:**

**Product is of edible nature**

### **SECTION 5: FIRE-FIGHTING MEASURES**

**Product does not pose a fire or explosion threat**

**EXTINGUISHING MEDIA:**

**Use dry chemical powder, CO2 and water through fogging nozzle to limit dusting**

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**EYE protection :**

**Ensure an eye bath and safety shower is readily available**

**SECTION 7: HANDLING AND STORAGE**

Keep container tightly closed. Protect from moisture. Stores away from oxidizing agent. Protect from freezing. Keep in dry, cool, infestation free place

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

Product stable in normal conditions

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Fine Powder
Appearance	Light Yellow To Cream Powder
Hexane Insoluble (%)	NMT 0.3
Moisture (%)	NMT 1
Peroxide Value Meq O <sub>2</sub> /Kg	NMT 5
Acid Value Mg KOH/Gm	NMT 35
Acetone Insoluble (%)	NLT 97
<b>MICROBIOLOGICALS</b>	
Total Plate Count (CFU/G)	NMT 1000
Coliform (CFU /G)	ABSENT
E.Coli (CFU /G)	ABSENT
Yeast & Moulds (CFU /G)	NMT 100
Salmonella In 375 GR	ABSENT

**SECTION 10: STABILITY AND REACTIVITY**

Product stable in normal conditions

**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>NON-TOXIC</b>	
Routes of Entry	Inhalation & Ingestion
Toxicity to Animals	LD50: Not available. LC50: Not available
Chronic Effects on Humans	Not available
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation
Special Remarks on Toxicity to Animals	Not available
Special Remarks on Chronic Effects on Humans	Not available

Special Remarks on other Toxic Effects on Humans potential Health Effects: No acute exposure studies were found for soya lecithin in humans. The dust is predicted to be irritating to the eyes, skin, and respiratory tract from mechanical action. Inhalation of lecithin aerosols may cause pulmonary edema. It may cause occupational asthma from pulmonary sensitization. Acute ingestion may affect the liver (fatty liver degeneration)

<b><u>SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)</u></b>	
Biodegradable	
<b><u>SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)</u></b>	
Spill and leak information	clean up personnel should wear full protective clothing
Storage & stabilization	Ventilate well, store in air tight containers /Drums. Spilled material to be picked up or to be bound by universal adhesive agent
<b>WASTE DISPOSABLE INFORMATION:</b>	
Place waste in container for disposal by incineration at an approved industrial facility in accordance to the regulation	
<b><u>SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)</u></b>	
Avoid open flame or other ignition source (i.e. electric equipment, switch, gear) Store in a dry, cool, infestation free place	
<b><u>SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)</u></b>	
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<b><u>SECTION 16: OTHER INFORMATION</u></b>	
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