

## MATERIAL SAFETY DATA SHEET

### 1. Trade Name:

**ASPENOL**  
**Company:**  
**Sundaram Industries**  
**907, Sakar - 5**  
**Ashram Road**  
**Ahmedabad - 380 009**  
**Tel: 91-79-265 81484 / 267 60485**  
**Fax:91-79-265 80914**

### 2. Composition/information on ingredients

Chemical nature: **Modified Starch** mixed with additives.

### 3. Possible hazards

Critical hazards to man and the environment: Non-Hazardous

### 4. First aid measures:

General advice: Remove contaminated clothing  
If inhaled: Keep patient calm, remove to fresh air  
On skin contact: Wash thoroughly with soap and water  
On contact with eyes: Wash affected eyes for at least 15 minutes under running water with eyelids help open, consult an eye specialist.  
On ingestion: Rinse mouth and then drink plenty of water

### 5. Fire fighting measures:

Suitable extinguishing media: Water spray, dry extinguishing media, foam, carbon di-oxide (Co2) Non-flammable and hence no fire hazard.

### 6. Accidental release measures:

Personal precautions: No special measures necessary  
Environmental precautions: Do not let product enter drains  
Methods for clearing up: Contain with absorbent material and dispose. Clean with water.

### 7. Handling and storage :

Handling: Ensure thorough ventilation of stores and work areas  
Protection against fire & explosion: No special measures necessary

Storage: Keep tightly closed in a dry and cool place.

#### **8. Exposure controls and personal protection :**

Personal protective equipment  
Respiratory protection: Avoid breathing vapor  
Hand protection: Protective gloves  
Eye protection: Goggles  
General safety and hygiene measures: The usual precautions for the handling of chemicals must be observed.

#### **9. Physical and chemical properties :**

Form : Powder  
Color : Creamish White  
Solid content :  $94 \pm 2\%$   
Flash point :  $>100\text{ }^{\circ}\text{C}$   
Ignition temperature :  $>200\text{ }^{\circ}\text{C}$   
Explosion hazard : No explosion hazard  
Vapor pressure : N/A  
Solubility : Soluble in hot water above  $85\text{ }^{\circ}\text{C}$   
pH value : Approx. 6.5 – 8.5  
(at 10% conc. in water when cooked)

#### **10. Stability and reactivity :**

Storage time: 6 months  
Hazardous reactions: None provided product is correctly processed

#### **11. Toxicological information:**

NON-TOXIC

#### **12. Ecological information:**

General Notes:  
Do not allow material to be released to the environment without proper governmental permits.

### **13. Disposal consideration:**

Product : Must be dumped or incinerated in accordance with local regulations  
Contaminated packaging: Uncontaminated packs can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

### **14. Transport Information:**

Not a hazardous material for transportation.

#### **DOT regulations**

Hazard class : Not regulated.

Land transport ADR/RID (Cross-border)

ADR/RID Class : Not regulated.

Maritime transport IMDG:

IMDG Class : Not regulated.

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class : Not regulated.

Transport/Additional information : Not dangerous according to the above specifications.

### **15. Regulations**

Product related hazard information:

\*Hazard symbols: Non-hazardous

\*Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water & seek medical advice.

### **16. Other Information**

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of the information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product conformance with this Material Safety Data Sheet, or in combination with any product or process, is the responsibility of the user.

**PS:** The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.