



**MATERIAL SAFETY DATA SHEET (MSDS)**

**1. PRODUCT IDENTIFICATION**

Synonyms : Guar Gum Treated & Pulvrised  
ITC Code No : 130232.03

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	ITC Classification	Percent	Hazardous
Galactomannan derived from guar	130232.03	100%	NO

**3. HAZARDOUS IDENTIFICATION**

The product is generally safe for human being.

Safety Data :

Health Rating : 1 (slight)  
Contact Rating : 1 (slight)  
Storage colour code : N.A.

Personal Health Affects :

Inhalation : Excessive exposure can cause irritation to the respiratory tract. Symptom may include sore throat, coughing, nausea.

Skin Contact : May cause redness and pain.

Eye Contact : Splashness can cause irritation or pain in the eyes.

**4. FIRST AID MEASURE**

Inhalation : Remove to fresh air. If breathing is difficult give oxygen.

Skin Contact : Flush skin with soap and water. Wash clothings before re use.

Eye Contact : Flush with water lifting lower and upper eyelid occasionally.



## 5. FIRE FIGHTING MEASURE

Fire :

Flash Point : 85degree C

Auto Ignition Temp : 250 degree C

Explosion

Above flash point the sealed containers may rupture when heated.

Fire Fighting Media

Water Spray, dry chemical or carbon dioxide. Water spray may be used to keep fire exposed containers cool. Water may be used to flush spills away from exposures and to dilute spills to non flammable mixtures.

## 6. ACCIDENT RELEASE MEASURES

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective clothings as specified in section 8. Collect the material in a waste bin. Dispose off in bio degradable bin.

## 7. HANDLING AND STORAGE

Store in cool, dry and ventilated location separate from in-compatibles. Storage and use areas should be no smoking areas.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Airborne Exposure Limits : 200 ppm skin

Ventilation System : A system of general or local exhaust is recommended to keep employees exposures below the airborne exposure limits. Local exhaust ventilationis generally preferred because it can control the general work area.

Skin Protection : Wear protective clothing, including boots, gloves, lab coat or apron as appropriate to avoid skin contact.

Eye Protection : Use safety goggles and face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES



Appearance	: Pale White
Odour	: Odourless
Solubility	: soluble in water
Bulk Density	: 0.72 @ 24 degree C
pH	: 6.50 - 7.50
Moisture	: MAX 15.00 %
Oil	: MAX 0.15%
Albuminoids	: MAX 5.00%
Minerale matter/Ash	: MAX 1.00%
Carbohydrates Incl	
Gum by difference	: MIN 80.00%

## 10. STABILITY AND REACTIVITY

**STABILITY** : Stable under ordinary conditions or use and storage.  
Avoid excessive temperatures.

**HAZARDOUS DECOMPOSITION/POLYMERIZATION**  
Will not occur.

**CONDITIONS TO AVOID :**  
Heat, flame, ignition sources, in compatibles.

**11. TOXICOLOGICAL INFORMATION**  
The material is generally safe from toxicological affects for human consumption .

## 12. ECOLOGICAL INFORMATION

When released into soil the material will bio degrade to the maximum extent. When released into the water it will dissolve into it and form viscous solution/gel.

**13. DISPOSAL CONSIDERATION :**  
Dispose off the container and unused contents in accordance with the federal , state and local requirements. The material is largely bio degradable.

## 14. TRANSPORT INFORMATION

Domestic (Land, D.O.T.)  
**Proper Shipping Name** : Guar Gum Treated & Pulvrised  
**Hazard Class** : Non Hazardous (1)

## 15. REGULATORY INFORMATION



N.A.

16. OTHER INFORMATION :  
NIL

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