



Tech

Technical Data

80 Metcalfe Street  
Buffalo, New York 14206  
716-856-2300/fax 716-856-7115

# GUAR GUM

## GENERAL DESCRIPTION:

Guar Gum, also known as guaran, is a free-flowing, off-white powder that has various industrial & food applications.

## APPLICATIONS:

- ◆ Textile: sizing, finishing, and printing
- ◆ Paper: improved sheet formation, folding, denser surface
- ◆ Explosives: waterproofing agent
- ◆ Pharmaceutical: binder/disintegrator in tablets
- ◆ Cosmetics: thickener in toothpastes, conditioner in shampoos
- ◆ Hydraulic Fracturing: various purposes
- ◆ Food: thickener, improves stability, increases yield

## PHYSICAL PROPERTIES:

- ◆ Appearance: off-white to tan powder
- ◆ Odor: none
- ◆ Solubility in water: complete
- ◆ pH: 5-6

## HANDLING & STORAGE:

**Handling:** Avoid generating and breathing dust. Avoid eye contact. Use with adequate local exhaust ventilation and dust collection to maintain the concentration of airborne dust below the exposure limits. If clothing becomes contaminated, remove and launder before re-use. Wash thoroughly after handling. Keep product away from oxidizers and all sources of ignition including flames, electrical sparks, hot surfaces, pilot lights, etc.

**Storage:** Keep product dry. Store in a cool, dry area. Keep containers closed to avoid moisture absorption.

\*\*\*[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)\*\*\*