



1. Identification of Substance

Product Name: Guar Gum Powder

Company Address: Vibration Chemicals
Unit 7 Merchants Quay
Pennygillam Industrial Estate
Launceston, Cornwall PL15 7QA

Company Contact: vibration@live.co.uk
0845 64 34 199

2. Composition / Ingredient Information

Chemical Description: Guar Gum

3. Identification of Hazards

In powder form, may causes eye irritation. Rinse cautiously with water for several minutes.
In powder form, may be harmful if swallowed. Do not ingest. Keep out of reach of children.

4. First Aid Measures

Skin contact: Wash off with plenty of soap & water.

Eye contact: Irrigate with water. Seek medical advice if irritation persists.

Ingestion: Rinse mouth with water. Seek medical advice.

Inhalation: Rinse mouth with water. Seek medical advice.

5. Fire Fighting Measures

Conditions to Avoid: Keep away from heat, sparks & flames. Avoid excess dust in atmosphere in presence of electrical sparks & static.

Fire Fighting Measures: Fight using dry chemical, foam, carbon dioxide & water fog.

Protective Equipment: Impervious gloves. Use goggles. Use dust mask.

6. Accidental Release Measures

Cautions: Wet floors on which this powder is spilt may become slippery.
When dispersed in air, represents an explosion hazard.

[Cont...]

Environmental:	Do not discharge into drains or rivers. Contain the spillage using paper towels / newspaper.
Clean-up procedures:	Sweep this product for use or place in a container for disposal. Dispose in accordance with local regulations. This is non-hazardous waste suitable for approved solid waste landfill.

7. Handling and Storage

Handling:	Handle in a well-ventilated area. Avoid static build-up when emptying big bags. Use a face mask.
Packaging:	The packaging material should have reasonable moisture and air barrier properties.
Storage (Powder):	Product should be stored in a dry area, under cover, in a clean well-ventilated area. Maintain a clean area by removing dust. Keep away from heat, sparks, and other sources of ignition.

8. Exposure Controls / Personal Protection

Engineering Controls:	Handle in a well-ventilated area. Normal industrial hygiene measures should be sufficient.
Protective Gloves:	Impervious gloves. Use goggles. Use a dust mask. Do not ingest.

9. Physical & Chemical Properties

Activator Form:	White, crystalline solid
VSX Powder Form:	Beige Powder
Solubility:	Complete in water.
Odour:	Odourless.
Protein:	6.5% Max
Ash:	1.5% Max
Fibre:	3.5% Max
pH:	5.2 – 6.5
Moisture:	13.0% Max
Lead:	2 ppm Max
Arsenic:	3 ppm Max
Copper:	4 ppm Max
Heavy Metals as Pb:	20 ppm Max

[Cont...]

Particle Size:

BSS Mesh	Microns	% Retained
200	75	10.0% Max
60	250	Trace

Viscosity (cps):

Cold, 1% as is moisture basis at 25°C, tested on Brookfield RVT, speed 20 rpm

Time	Lower Limit	Target	Upper Limit
15 minute	1800	n/a	n/a
2 Hour	3000	n/a	n/a
24 Hour	3000	>3500	4500

10. Stability & Reactivity

Stability: This product is chemically stable in normal temperatures.

Reactivity: No additional hazardous chemicals are known to be formed when used as directed in this application.

11. Toxicological Information

Dermal: Slight primary irritation may occur.

Eyes: Minimal irritation may occur.

Oral: We believe this product has a low order of toxicity.

12. Ecological Considerations

Mobility: Readily absorbed into soil.

Persistence & degradability: Biodegradable.

13. Disposal Considerations

Disposal (Powder): Waste incineration or special disposal with the approval of the responsible local authority.

Disposal (Liquid): Can be diluted using sodium chloride and disposed down toilet or drain. Landfill.

[Cont...]

14. Other Information: Disclaimer

The data given above is based upon information received by us and believed to be correct as general guidance for our customers who should, nonetheless, seek confirmation regarding the application of such information as well as safety and or/suitability in relation to the product supplied either alone or in combination with other products. Given that the above information is for general guidance only, users (customers and otherwise) assume all responsibility and liability of whatsoever nature arising from the handling and use of the product and the application of such information (whether or not the product is used alone or in combination with another product) and users must satisfy themselves by specific enquiries and confirmation as to application of the above information and/or the safety and/or suitability of the product and by reference to their own tests and knowledge.

All information and data has been expertly compiled in accordance with UK Chemicals (Hazard Information & Packaging) Regulations 2002.

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