

# Vibration Chemicals

DEPT. HEALTH & SAFETY

REF. HS-XANTHAN

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ISSUE 6



## HEALTH AND SAFETY DATA SHEET

TITLE: XANTHAN GUM

REFERENCE

### 1.0 SUPPLIER AND PRODUCT

*Supplier* : Vibration Chemicals  
*Address* : 31B Oxford Road  
Pen Mill Trading Estate  
Yeovil  
BA22 8XT  
*Telephone Number* : 0845 64 34 199  
*Email Address* : vibration@live.co.uk  
*Commercial or Technical  
Name of Product* : Xanthan Gum

### 2.0 HAZARD IDENTIFICATION

**Classification of the substance according to Regulation (EC) No 1272/2008:** Not classified  
**Classification according to the Directive 67/548/EEC or Directive 1999/45/EC:** Not classified

**Label elements** : None  
**Signal Words** : None

### 3.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	% Conc	EINECS	Classification	Exposure
Xanthan Gum	11138-66-2	100	234-394-2		

### 4.0 FIRST AID MEASURES

#### *Eye Contact*

In the event of contact with eyes, irrigate with water for at least 10 minutes, obtain medical advice if irritation persists.

#### *Skin Contact*

Remove contaminated clothing and wash affected area with water. If irritation persists obtain medical advice.

#### *Ingestion*

In the event of accidental ingestion, rinse mouth with water. Give up to one half pint of milk or water. Obtain medical advice immediately.


#### *Inhalation*


Remove from exposure to fresh air. Consult a physician as necessary. If breathing is irregular or has stopped, start resuscitation.


PREPARED BY:  
**Stephen Walton**

AUTHORISED BY:  
**Stephen Walton**

DATE:  
**22.02.24**

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<b>5.0</b>	<b><u>FIRE FIGHTING MEASURES</u></b>			
	<i>Extinguishing Media</i> - Dry Chemical, Foam, CO2. The use of water is inadvisable			
	<i>Special Measures for Fire Fighting</i> - Avoid over-inhalation of vapours.			
	<i>Particular Fire/Explosion Hazards</i> - Dust may form an explosive mixture in air.			
<b>6.0</b>	<b><u>SPILLAGES</u></b>			
	- Limit product dispersion. Avoid flames and other ignition sources.			
	- Material used for cleaning up spillages should be disposed of promptly, preferably by incineration.			
	- Gross spillage's should be swept up carefully and disposed of with regard to any relevant regulations. The area should be cleaned with copious amounts of water			
<b>7.0</b>	<b><u>HANDLING AND STORAGE</u></b>			
	<i>Handling</i> - Compounds should not be ingested as such.			
	- Avoid any contact with the product.			
	- Do not smoke in the product area.			
	- Do not heat with open flames, or expose to a flame or other sources of ignition (e.g. electric machines).			
	- Avoid inhalation of hot vapours.			
	- Maintain adequate air circulation in working areas.			
	<i>Storage</i> - Store in original closed containers, away from heat sources and protected from extremes of temperatures. Do not re-use empty containers.			
	- Maintain adequate air circulation in working areas			
	- In general additives as such are not normally considered to be dangerous.			
	<b>The precautions prescribed above are in essence usual hygiene practices.</b>			
<b>8.0</b>	<b><u>INDIVIDUAL PRECAUTIONS</u></b>			
	<i>Breathing Protection</i>			
	In working areas with adequate air circulation, breathing protection is not normally necessary. Otherwise a protective mask should be worn.			
	<i>Eye Protection</i>			
	Eyeshields			
	<i>Skin Protection</i>			
	Gloves.			
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<b>9.0</b>	<b><u>PHYSICAL AND CHEMICAL PROPERTIES</u></b>				<b>REFERENCE</b>	
	<i>Physical Form at 20°C</i>	:	Powder			
	<i>Specific Gravity at 20°C/4°C</i>	:	Not applicable			
	<i>Colour</i>	:	White to light brown			
	<i>Odour</i>	:	Neutral			
	<i>Melting Point</i>	:	n/a			
	<i>Flash Point</i>	:	n/a			
	<i>Boiling Point</i>	:	n/a			
	<i>Solubility in Water</i>	:	-			
	<i>Solubility in Alcohol</i>	:	-			
	<i>Flash Point</i>	:	Not available			
	<i>Method</i>	:	-			
<b>10.0</b>	<b><u>STABILITY AND REACTIVITY</u></b>					
	- Food additives are considered to be stable during their stated shelf life.					
	- Avoid excess temperatures, flame or other sources of ignition.					
<b>11.0</b>	<b><u>TOXICOLOGICAL DATA</u></b>					
	<i>Ingestion Effects</i>	:	LD50	No data available		
	<i>Skin Contact Effects</i>	:	LD50	No data available		
	<i>Eye Irritation</i>	:	-	No data available		
<b>12.0</b>	<b><u>ECOLOGICAL INFORMATION</u></b>					
	<i>Biodegradability</i>	:	Inherently biodegradable			
		:	BOD approx. 200g O <sub>2</sub> /kg Xanthan			
		:	COD approx. 1600g O <sub>2</sub> /kg Xanthan			
	<i>Precautions</i>	:	Avoid earth and water contamination			
<b>13.0</b>	<b><u>DISPOSAL CONSIDERATIONS</u></b>					
	- Release to atmosphere	:	to be avoided			
	- Release to surface water	:	to be avoided			
	- Release to natural environment	:	to be avoided			
	- Destruction of waste	:	incineration			
	- Treatment of empty containers	:	re-use inadvisable			
<b>14.0</b>	<b><u>TRANSPORTATION INFORMATION</u></b>					
	Not applicable as material is classified as non-hazardous					
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<b>15.0</b>	<b><u>LEGISLATIVE INFORMATION</u></b>			
	Not applicable as material is classified as non-hazardous.			
<b>16.0</b>	<b><u>OTHER INFORMATION</u></b>			
	<i>The information and recommendations contained in this document are to the best of our knowledge, reliable. However, nothing herein, is to be construed as warranty (express or implied) in respect of any aspect of safety. Users should conduct their own tests and safety evaluations relevant to their applications.</i>			
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