

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product Name:** Xanthan Gum  
**End Use:** Food Additive  
**Description:** White-like Powder  
**Chemical Name:** Xanthan Gum  
**Chemical Family or Formula:** Polysaccharide Gum

**Company name:** Nexchem Ltd  
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Leicester  
LE4 1ET  
Tel: 0116 2311130  
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## 2. HAZARDS IDENTIFICATION

**Route(s) of entry:**

**Eye:** Yes  
**Inhalation:** Yes  
**Skin:** No  
**Ingestion:** Yes

**Nature of Principle Hazard:** Not a health hazard as defined by OSHA.  
**Effects of Overexposure:** Prolonged contact with the dry powder may cause drying of the skin.  
Non-toxic through ingestion and dermal absorption.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Components:** Xanthan Gum  
**CAS No:** 11138-66-2

## 4. FIRST AID MEASURES

### Emergency First Aid Procedures:

**Ingestion:** May result in the material swelling in the throat. Drink large amounts of water.  
Never give anything by mouth to an unconscious person.

**Eyes:** Flush with plenty of water. If irritation develops, call a physician.

**Skin contact:** No harmful effects expected. Wash with water. Get medical attention if irritation develops.

**Inhalation:** If large quantities have been inhaled, keep airway open as necessary.

**If swallowed:** Symptomatic treatment. No harmful effects are expected.

[cont...]

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## 5. FIRE-FIGHTING MEASURES

**Flash Point:** Not Applicable.

**Extinguishing Agents:** Dry chemical, CO<sub>2</sub>, Foam.

**Fire and Explosion Hazards:** Carbon oxides formed when burned.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective equipment when entering area of fire involving this material.

## 6. ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:** Sweep up spilled material and repackage.

Avoid creating dust clouds, hose spill area thoroughly with water.

Use caution as the product is extremely slippery when wet.

## 7. HANDLING AND STORAGE

**Precautions to be taken in handling and storing:** Store in cool, dry place.

Keep dry.

May contribute to slickness of surface when wet.

**Other procedures:** None.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection:** In heavy product dust exposure a protecting mask is recommended.

**Ventilation Type Required:** Local exhaust.

**Other:** Treat as a nuisance dust.

**Protective Gloves:** Not normally required.

**Eye Protection:** Not normally required.

**Other Protective Clothing or Equipment:** None.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White-like powder.

**Odour:** Slight.

**Boiling point:** Not applicable.

**Melting point:** Not applicable.

**Specific Gravity (H<sub>2</sub>O=1):** Not applicable.

**Vapour pressure (mm Hg):** Not applicable.

**Vapour density (Air=1):** Not applicable.

**Evaporation Rate (Butyl Acetate=1):** Not applicable.

**pH @ 1.0%:** 6-8

**Solubility in water:** Complete.

**Stable:** Yes.

[cont...]

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### 10. STABILITY AND REACTIVITY

**Stability:** Stable.

**Incompatibility:** Strong oxidants.

**Hazardous polymerization:** Will not occur.

**Hazardous decomposition Products:** Carbon dioxide and carbon monoxide formed when burned.

**Conditions to avoid:** Not applicable.

### 11. TOXICOLOGICAL INFORMATION

**Routes of entry:** Eye contact. Inhalation. Ingestion.

**Toxicity to animals:**

**LD50:** Not available.

**LC50:** Not available.

**Chronic effects on humans:** Not available.

**Other toxic effects on humans:** Hazardous in case of skin contact (irritant), of ingestion, of inhalation.

**Special remarks on Toxicity to animals:** Not available.

**Special remarks on Chronic Effects on humans:** Not available.

**Special remarks on other Toxic Effects on humans:** Not available.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the products of Biodegradation:** The products of degradation are more toxic.

**Special Remarks on the Products of Biodegradation:** Not available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method (Insure Conformity with all Applicable Disposal Regulations):**

Incinerate or place in permitted waste management facility.

### 14. TRANSPORT INFORMATION

**Shipping Name:** Xanthan Gum.

**Hazard Class:** Not Regulated.

**ID Number:** None.

**Label(s) Required:** None.

**Shipping Description:** Not Regulated.

**Packaging References:** Not Regulated.

**Special Transportation Notes:** None.

**IMDG:** None.

[cont...]

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## 15. REGULATORY INFORMATION

**Note:** The regulatory information given above only indicates the principal regulations specifically Applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. OTHER INFORMATION

**Legal disclaimer:** The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Nexchem Ltd who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.