

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Xanthan Gum E415

1.2. Chemical Formula: (C₃₅H₄₉O₂₉)_n

1.3. Molecular weight: Not Applicable

1.4. CAS #: 11138-66-2

1.5. EINECS #: 234-394-21.2.

1.6. Usage: Food Additive

1.7. Details of the supplier of the safety data sheet

Supplier : Ases Chemical Works

Address : Brahm Bagh, Jalori Gate Jodhpur-342001 (India)

Tel : +91-291-2635041, Whats App : 9636889954

Web: www.ases.in, e-mail : ecom@ases.in

Section 2: Hazards identification

2.1. Hazardous overview: Xanthan Gum E415 is not classified as a Dangerous Substance

2.2. Contact with eyes: May cause irritation

2.3. Contact with skin: May cause irritation, very low chance for usual industrial handling

2.4. Ingestion: No hazard expected in normal industrial handling

2.5. Inhalation: May cause respiratory tract irritation

2.6. Other: Avoid build up of dust particles. Possibility of dust explosion.

Section 3: Composition/information on ingredients

3.1. Xanthan Gum: 91.0 – 108.0%

3.2. Hazardous impurities: Negative

Section 4: First aid measures

4.1. Contact with eyes: Flush immediately with plenty of water for 15 minutes and seek medical advice

4.2. Contact with skin: Wash the affected area with water, remove contaminated clothing and launder before re-use. Seek medical advice if irritation persists.

4.3. Ingestion: No specific treatment is necessary.

4.4. Inhalation: Remove from exposure, move to fresh air and seek medical advice immediately.

Section 5: Fire and Explosion Data

5.1. General information: Build up of xanthan gum dust may cause dust explosion

5.3. Ignition control: Avoid ignition sources where xanthan gum E415 dust might be generated

5.4. Dust control: Keep the handling area with adequate ventilation

5.5. Extinguishing Media: Water spray, dry chemical, carbon dioxide, or chemical foam

5.6. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container

Section 6: Handling and storage

- 6.1. Storage:** Stored in a cool and dry place and kept away from strong light and heat.
- 6.2. Handling precaution:** Avoid breathing dust; use in an area with adequate ventilation.
Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

Section 7: Exposure controls/personal protection

- 7.1 Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.
- 7.2. Respiratory protection:** NIOSH/MSHA or European Standard EN 149 approved respirator
- 7.3. Eye Protection:** Protective eyeglasses or chemical safety goggles
- 7.4. Skin Protection:** Not required
- 7.5. Other:** Consult professionals if need to be handled under some special conditions.

Section 8: Physical and chemical properties

Physical State:	Powder
Appearance:	white or cream-color and free-flowing powder
Odor:	Slight
pH:	6.0 – 8.0 (1% solution in water)
Melting point/range:	Not applicable
Boiling point:	Not applicable
Bulk density:	550-850 kg/m ³
Solubility:	Fully soluble in water

Section 9: Stability and reactivity

- 9.1. Chemical Stability:** Stable under normal temperatures and pressures
- 9.2. Shelf Life:** 36 months period
- 9.3. Hazardous decomposition:** Thermal decomposition may produce carbon monoxide and dioxide
- 9.4. Hazardous polymerization:** Will not occur
- 9.5. Incompatible with:** Strong oxidizing agents

Section 10: Ecological information

Xanthan gum E415 is biodegradable

Section 11: Disposal considerations

11.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by disposal company.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 12: Transport information

No special requirements and no restrictions on transportation by land, sea or air.

Section 13: Regulatory information

13.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

Section 14: Other information

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