

SAFETY DATA SHEET

XANTHAN GUM 200

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Xanthan Gum 200

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

Classification of the substance: Classification (regulation EC N° 1272/2008)

Not a hazardous substance according to regulation EC N° 1272/2008) & EC-directives 67/548/EEC or 1999/45/EC

Labelling:

The product does not need to be labelled in accordance with EC directive national laws.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Preparation

INCI NAME	CHEMICAL NAME	COMPOSITION	N° CAS	N° EINECS	CLASSIFICATION SYSTEM	HAZARDOUS IMPURITIES
Xanthan gum	Polysaccharide (C35 H49 O29)n	100% Xanthan Gum	111-38-66-2	234-394-2	Food & Pharmaceuticals Additive	NA

4. FIRST AID MEASURES

Medical health check required:

Get medical advice if you feel unwell. Show this safety data sheet to the doctor in attendance.

First aid measures:

Flush with water

Action to be avoided:

Nothing in particular

Skin contact:

Flush with water for at least 15 minutes

Eye contact:

Flush with water for at least 15 minutes

Inhalation:

Move the person to fresh air

Ingestion:

Don't provoke vomiting. Call a medical doctor and loosen the person's clothes to allow a better ventilation. Drink water as a precaution.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Water spray, dry powder, Foam, CO2

Particular precautions:

In the event of fire, wear self-contained breathing apparatus Use protective equipment. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

Cleaning Method:

Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly.

Personal precautions:

Use personal protective equipment against dusts Avoid breathing dust. Ensure adequate ventilation, especially in confined areas.

Environmental precautions:

No special environmental precautions required

7. HANDLING AND STORAGE

Handling

Technical measures:

NA

Safe Handling:

Avoid eye contact and contact with clothes. Do not ingest in high doses, avoid creating dust, do not breathe dust.

Storage:

Keep the packing tightly closed until the place of use

Storage conditions:

Keep tightly closed in a dry cool place, avoid moisture.

Incompatible material:

NA

Packaging material:

Food packages

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control/personal protection;

Control parameters:

Contains no substances with occupational limit values.

Engineering Measures:

Provide adequate ventilation

Personal protective equipment:

Eye protection:

Safety glasses

Body protection:

Not in particular if handled correctly

Respiratory protection:

In case of dust or aerosol formation use respirator with an approved filter.

Half mask with a particle filter P2.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid
Melting point:	Not available
Flash point:	Not applicable
Colour:	White to cream powder
Boiling Point:	Not available
Taste:	Not available
Smoking point:	Not available

Odour:	None
Specific Gravity:	Not available
Solubility:	Completely soluble
PH of solution:	6 – 8 in 25% in water
Vapor Pressure:	Not available
Vapor Density:	Not available
Evaporation Rate:	Not applicable
Flammability:	Does not ignite
Upper / lower Explosive limit:	No data available
Relative density:	650-850 kg/m ³
Partition coefficient n-octanol/water:	NA
Available Viscosity:	Not available
Auto ignition temperature:	> 200 °C
Decomposition Temperature:	Decomposes without melting

10. STABILITY AND REACTIVITY

Reactivity:

No decomposition if stored and applied as directed

Chemical Stability:

Stable at normal conditions

Dangerous reaction:

Dust can form an explosive mixture in air

Hazardous decomposition products:

Build-up of dangerous/toxic fumes possible in cases of fire/high temperatures

Conditions to avoid:

Avoid dust formation

11. TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/p.oral/rat = 45.000 mg/kg

Oral chronic toxicity rat:

None < 1000 mg/kg/24h

Carcinogenic effects:

Not classified as a human carcinogen.

Skin:

No skin irritation

Eyes:

No eyes irritation

Respiratory Sensitization:

No Known sensitizing effects

12. ECOLOGICAL INFORMATION

Biodegradability:

78 % Exposure time : 28 days (Method OECD Test guideline 301°F) Readily biodegradeble

Eco-toxicology effects:

CL50/96h/Rainbow trout = 420 mg/l Exposure time: 96 h

Bioaccumulative potential:

The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected.

Mobility in soil:

No date available

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused material or contaminates package can be incinerated or recycled, when in compliance with local regulations.

14. TRANSPORT INFORMATION

ADR:

Not dangerous goods

IATA:

Not dangerous goods

IMDG:

Not dangerous goods

RID:

Not dangerous goods

15. REGULATORY INFORMATION

EEC Food Additive:



E415 - USP/NF – FCC

Major Accident Hazard Legislation:
96/82/EC Update 2003

16. OTHER INFORMATION

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