29.09.2025

DistrEbution

Safety information sheet

Version: 1.0 EN

Xanthan Gum Powder E 415 – 80 Mesh

Article number: D10146

This document has been prepared as a communication tool to inform downstream users about both the status of the substance under REACH and CLP, some of its essential properties and the guidance on safe use. An extended safety data sheet (SDS) is not required for this substance under Article 31 of REACH Regulation (EC) No 1272/2008, including the amending Regulation (EU) 2020/878. As a result, the format and content of this document does not comply with the framework for safety data sheets set out in Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006.

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1 Identification of the substance/mixture and the company

1.1 Product identifier

Name	Xanthan Gum Powder E 415 – 80 Mesh
CAS number	11138-66-2
EC number	234-394-2
REACH registration	-

1.2 Relevant identified uses of the substance or mixture and uses advised against

Description/use	The product is intended for use as a stabiliser, thickener, emulsifier, foam stabiliser, feed additive, in the food industry and in the manufacture of pharmaceuticals. For information on other possible applications, please contact us at the telephone number provided. We will be happy to connect you with the appropriate contact person.

1.3 Details of the supplier providing the safety information sheet

Company	DistrEbution GmbH
Adress	Brookdeich 40
	21029 Hamburg
	Germany
Telephone	+49 40 609 2387 60
E-Mail	info@distrebution.com

1.4 Emergency number

+49 40 609 2387 60 (Business hours: Mon - Thu: 8 a.m.- 5 p.m. / Fri: 8 a.m. – 4 p.m.)

2 Potential hazards

2.1 Classification oft he substance or mixture

Not classified according to Chemicals Regulation (EC) Nr.1272/2008.

2.2 Label elements

Not subject to classification according to Regulation (EC) No 1272/2008.

2.3 Other hazards

No data are available for PBT or vPvB assessment.

3 Composition/information on ingredients

Chemical characterization:	Xanthan
CAS number	11138-66-2
EC number	234-394-2
REACH registration	-
Hazardous ingredients	-
Nanoparticles	No nanoparticles according to Regulation (EU) 2018/1881

4 First-aid measures

4.1 Description of first-aid measures

In case of emergency, seek medical advice if in doubt or if symptoms occur.

After eye contact

Rinse eyes thoroughly with plenty of water.

After skin contact

Rinse the affected area thoroughly with soap and water.

Inhalation or ingestion

Move the affected person to fresh air. Consult a doctor if respratory irritation occurs. Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5 Firefighting measures

5.1 Eytinguishing agents

Suitable extinguishing agents

Carbon dioxide (CO2), alcohol-resistant foam, extinguishing powder, water spray jet

Unsuitable extinguishing agents

Full water jet

5.2 Special hazards arising from the substance or mixture

Fire gases from organic materials are classified as respiratory toxins.

5.3 Advice fo firefighters

Protective equipment for firefighters

In case of fire, wear self-contained breathing apparatus. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

In the event of accidental spillage and possible exposure to vapours/dust/aerosols, respiratory protection should be worn. Avoid direct contact with skin, eyes or clothing. Keep away from sources of ignition.

6.2 Environmental precautions

Do not allow to enter drains/surface water/groundwater.

6.3 Methods and material for containment and cleaning up

Collect dry. Place in suitable containers for recovery or disposal, then clean up.

6.4 Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protective equipment.

See section 13 for information on disposal.

7 Handling and storage

7.1 Precautions for safe handling

Avoid dust formation and deposits as far as possible. Change work clothes if contaminated. Wash hands thoroughly before breaks and after finishing work. Do not eat, drink or smoke during work. Do not inhale dust.

As dust can form an explosive mixture with air, precautions must be taken against electrostatic charging. ontact with ignition sources and open flames must be strictly avoided.

7.2 Conditions for safe storage, including any incompatibilites

For safe storage, ensure that the containers are dry, tightly closed and stored in a cool place. Avoid storing together with strong oxidising agents.

Storage is in accordance with TRGS 510 under storage class 10–13, which means that these are other flammable and non-flammable liquids or solids that are not assigned to storage classes LGK 1 to 8.

7.3 Specific end uses

No data available.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

No data availabe.

8.2 Exposure limits and monitoring

8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the workplace.

8.2.2 Personal protective equipment

Respiratory protection

Use respiratory protection if dust is generated.

Hand protection

Protective gloves (recommended)

Eye protection

Safety goggles recommended.

Other protective measures

Select body protection according to the workplace. The resistance of the protective materials should be agreed with the manufacturer.

Environmental exposure controls and monitoring

Do not allow to enter drains.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Solid; fine powder
Colour	White to cream-coloured
Odour	Weak

pH value	6-8
Concentration	1%
Melting point	No data available
Boiling point	No data available
Decomposition point	> 145°C
Flash point	No data available
Ignition temperature	420 – 440°C
Flammability	No data available
Lower explosion limit	500 g/m3
Upper explosion limit	No data available
Flammability	Only in aerosol/dust form
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Relative vapour density	No data available
Relative density	No data available
Density	No data available
Water solubility	Soluble
Solubility(ies)	No data available
Soluble in	Chloroform, toluene, carbon disulphide, ether; easily soluble in ethanol
Partition coefficient n-octanol/water:	No data available
Viscosity	No data available
Particle properties	No data available

9.2 Other information

No data available.

10 Stability and reactivity

10.1 Reactivty

No data available.

10.2 Chemical stability

Stable under normal temperature and pressure conditions.

10.3 Possibility of hazardous reactions

Dust explosion hazard.

10.4 Conditions to avoid

The product ist stable at room temperature. Avoid heat, open flames and other ignition sources.

10.5 Incompatible materials

Oxidising agents

10.6 Hazardous decomposition products

No data available

11 Toxicological information

11.1 Information on hazard classes according to Regulation (EC) No. 1272/2008

Acute oral toxicity	No data available
Acute dermal toxicity	No data available
Acute inhalation toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available

11.2 Information on other hazards

Endocrine disrupting properties

No data available

Further information

No data available

12 Environmental information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulatiove potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of the PBT and vPvB assessment

No data available

12.6 Endocrine-disrupting properties

No data available

12.7 Other harmful effects

Do not allow the product to enter the environment in an uncontrolled manner. Prevent it from entering the soil, waterways and sewage system.

13 Disposal instructions

13.1 Waste treatment methods

Product disposal

The product can be disposed of in accordance with the applicable local regulations. The waste code number in accordance with the European Waste Catalogue (EWC) must be assigned in consultation with the regional waste disposal company.

Packaging disposal

Residues must be removed from the packaging. Completely emptied packaging must be disposed of in accordance with waste disposal regulations. Packaging that cannot be cleaned must be disposed of in the same way as the substance.

14 Transport information

14.1 Transport ADR/RID/ADN

No data available

14.2 Transport IMDG

No data avaliable

14.3 Transport ICAO-TI / IATA

No data available

14.4 Other information

No data available

14.5 Environmental hazards

No data available

14.6 Special precautions for user

Land transport	No data available
Sea transport	No data available
Air transport	No data available
Inland waterway transport	No data available
Railtransport	No data available

14.7 Transport in bulk by sea according to IMO regulations

No data available

15 Legislation

15.1 EU regulations

Under current EU regulations, the product does not contain any substances classified as subject to authorisation in accordance with the REACH Regulation (EC) No. 1907/2006 Annex XIV.

Furthermore, the substance is not included in the REACH Candidate List of Substances of Very High Concern (SVHC) for the authorisation procedure and does not meet the criteria set out in Article 57 in conjunction with Article 59 of this Regulation.

Similarly, the substance is not subject to the restrictions set out in Annex XVII of the REACH Regulation regarding the manufacture, placing on the market or use of certain dangerous substances, mixtures and articles.

With regard to Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances, the substance is also not listed in Annex I, Part 1 or 2.

15.2 National regulations

Water hazard class	
Class	1
Identification no.	5156
Source	Classification according to AwSV (Ordinance on Installations for Handling Substances Hazardous to Water).

15.3 Chemical safety assessment

No substance safety assessment has been carried out for this substance.

16 Other information

16.1 Abbreviations and acronyms

ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG – International Maritime Dangerous Goods Code

IATA – International Air Transport Association

ICAO-TI – Technical Instructions of the International Civil Aviation Organisation

CLP – Regulation on the Classification, Labelling and Packaging of Substances and Mixtures

GHS – Globally Harmonised System of Classification and Labelling of Chemicals

EINECS – European Inventory of Existing Commercial Chemical Substances

CAS – Chemical Abstracts Service (registration number)

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals

PBT – Persistent, bioaccumulative and toxic

vPvB – Very persistent and very bioaccumulative

PNEC – Predicted No Effect Concentration PBT – Persistent, bioaccumulative and toxic

vPvB – Very persistent and very bioaccumulative

16.2 SVHC

The substances on the ECHA list (http://echa.europa.eu/en/candidate-list-table) are neither expected to be present in our products nor are they intentionally used in the production process. Our products do not come into contact with these substances during production. However, it is not possible to completely rule out traces of these substances: due to natural impurities or raw material-related properties, an unintentional content of less than 0.1% cannot be completely ruled out.

16.3 Note for users

The information in this data sheet is based on our current knowledge at the time of the last revision. The user is responsible for checking the suitability and completeness of the information in relation to the specific use of the product.

This document does not constitute a guarantee for specific properties of the product. As we have no direct influence on the use of the product, the user is obliged to comply with all applicable laws, regulations and safety and hygiene provisions on his own responsibility. We accept no liability for improper use. Personnel entrusted with the handling of chemicals must be appropriately trained.