

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



63650 Cellulose Thickener C 6000

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Revised edition: 01.07.2014

Version: 11

Printed: 26.01.2016

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Cellulose Thickener C 6000

Article No.: 63650

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

*Binding agent, film former
Thickener
Adhesive, protective colloid, dispersing agent*

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

2. Hazards Identification

2.1. Classification of the Substance or Mixture

*Classification according to EC
Regulation 1272/2008*

This product does not require classification and labelling as hazardous according to CLP/GHS.

*Classification according to EC
Regulation No. 67/548 or No. 1999/45*

The material is not subject to classification according to EC lists.

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

*Classification according to EC
Regulation 1272/2008*

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

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2.3. Other Hazards

This product is capable of dust explosion under certain circumstances.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Sodium carboxymethylcellulose, CAS No. 9004-32-4

Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air.

After skin contact:

Wash with soap and rinse with plenty of water.

After eye contact:

Rinse eyes with water.

After ingestion:

If symptoms persist consult physician.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, sand, water spray jet.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

No special hazards.

5.3. Advice for Firefighters

Protective equipment:

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Wear self-contained respiratory protective device.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust.

Together with water product causes slippery surfaces.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soil, drains and surface waters.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable containers for disposal. Avoid dust formation.

Remove remains with water.

6.4. Reference to other Sections

Protective clothing, see Section 8.

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation of dust.

Provide adequate ventilation.

Hygienic measures:

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in a cool and dry place.

Requirements for storage areas and containers:

Information on fire and explosion protection:

Keep away from sources of ignition - do not smoke.

Hot product develops smoldering gases, which can form explosive mixtures with air.

Risk of dust explosion.

Dust explosion class 1 (Kst-value > 0 - 200 bar m/s).

Storage class (VCI):

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

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8.1. Parameters to be Controlled

None known

Parameters to be controlled (DE):

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Do not inhale dust. Do not eat, drink or smoke while working.

Wash hands before breaks and at the end of work.

Do not inhale dust.

Respiratory protection:

Required in case of insufficient ventilation.

Shortterm: filter P1.

Hand protection:

Not required

Protective glove material:

The glove material must be sufficiently impermeable and resistant against the product.

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: white - yellowish/white

Odor: odorless

Odor threshold:

No information available.

pH-Value:

*6 - 11
not applicable*

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<i>Melting temperature:</i>	<i>not applicable</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>1.5 g/m³</i>
<i>Solubility in water:</i>	<i>soluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>no information available</i>
<i>Auto-ignition temperature:</i>	<i>210°C (Gliwitzky)</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>forms viscous solutions</i>
<i>Explosive properties:</i>	<i>Product is not explosive; however, an explosive dust/air mixture can be formed.</i>
<i>Oxidizing properties:</i>	<i>none</i>
<i>Bulk density:</i>	<i>0.3 - 0.6 g/cm³</i>

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Solid content:

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Particle size:

Other information:

Smoldering temperature: 290°C

Smoldering point: 215°C

Ignition temperature of the airborne dust: 390°C

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid ignition sources and sparks.

Thermal decomposition:

10.5. Incompatible Materials

None known.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11. 1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

> 2500 mg/kg (rat)

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Non irritating (rabbit)

Irritant effect on eyes:

Non-irritating to eyes (rabbit)

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

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Mutagenicity:

No data available.

Reproductive toxicity:

No data available.

Cancerogenity:

No data available.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No negative effects.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

LC0: > 10000 mg/l (Danio rerio; OECD 203)

LC0: > 5000 mg/l (Leuciscus idus; OECD 203)

LC50: > 21000 mg/lg (Oncorhynchus mykiss; OECD 203)

Daphnia toxicity:

EC0: > 1000 mg/l (Daphnia magna)

Bacteria toxicity:

EC0: > 10000 mg/l (DIN 38412 T.27)

EC0 (Chronic): > 1000 mg/l (DIN 38412 T.8)

Algae toxicity:

No information available.

12.2. Persistency and Degradability

10-30 % (28d; OECD 302B)

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous.

Behaviour in sewage systems:

Further ecological effects:

COD: 700-800 O2/g

AOX Value:

13. Disposal Considerations

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13.1. Waste Treatment Methods

Product:

Product can be taken to a waste disposal site according to local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel no.:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

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14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code
not applicable

14. 8. Further Information

15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15. 3. Further Information

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.