

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

O63682 BeneceI™ A4C

Page 1

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

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

1.1. Product Identifier

Product Name: BeneceI™ A4C

Article No.: O63682

UFI: --

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

Identified uses:

*Rheological modifier
Pharmaceuticals*

Uses advised against:

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

Company: Interlabshop BV

Address: Lage Brink 23, 7317BD Apeldoorn The Netherlands

Tel./Fax.: +31(0)55-5215016

Internet: www.labshop.nl

EMail: labshop@labshop.nl

Importer: --

1.4. Emergency No.

Emergency No.: 112 (24 hours a day)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

*Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)*

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

Possible Environmental Effects:

2.2. Label Elements

*Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)*

No classification required according to the CLP/GHS guidelines.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

next page: 2

Safety Data Sheet

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

063682 Benecel™ A4C

Page 2

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

3.1. Substance

3.2. Mixture

Chemical Characterization: Methyl cellulose, CAS No. 9004-67-5

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air. Consult physician if symptoms persist.

After skin contact:

Wash with soap and rinse with plenty of water.

After eye contact:

Remove contact lens.

Protect unharmed eye.

Seek medical attention if irritation persists.

After ingestion:

Keep airways free.

Do not give milk or alcoholic beverages to drink.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

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

Symptoms:

None known.

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:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of carbon oxides, hydrogen chloride, sodium oxides.

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

063682 Benecel™ A4C

Page 3

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Usual measures for chemical fires.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust, wear protective clothing.

Inform the local authorities if large amounts are spilled.

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:

Sweep up, then place into a suitable container for disposal. Avoid generating dust.

6.4. Reference to other Sections

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.

Wear adequate protective clothing (see para. 8).

Hygienic measures:

Do not eat or drink during work. Do not smoke.

Wash hands before breaks and after work.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and well ventilated location.

Requirements for storage areas and containers:

Electrical installation/working materials must comply with the technological safety standards.

Information on fire and explosion protection:

Provide adequate exhaust ventilation at places where dust is formed.

Storage class:

11; Combustible solids (TRGS 510)

Further Information:

next page: 4

Safety Data Sheet

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

O63682 Benecel™ A4C

Page 4

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

none known

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 in case of dust formation.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Required in case of insufficient ventilation.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Butyl rubber (> 480 min; 0.5 mm).

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Safety shoes (EN 344).

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: *powder*

Color: *whitish*

Odor: *odorless*

Odor threshold:
no information available

pH-Value: *5 - 8 (1 % H2O)*

Melting temperature:
not available

Safety Data Sheet

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

O63682 Benecel™ A4C

Page 5

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

Boiling temperature:

not available

Flash point:

not applicable

Evaporation rate:

No information available.

Flammability (solid, gas):

not flammable

Upper explosion limit:

no information available

Lower explosion limit:

30 g/m³

Vapor pressure:

not applicable

Vapor density:

not relevant

Density:

0.25 g/cm³

Solubility in water:

soluble

*Coefficient of variation (n-
Octanol/Water):*

not determined

Auto-ignition temperature:

170°C

Decomposition temperature:

No data available.

Viscosity, dynamic:

not applicable

Explosive properties:

not applicable

Oxidizing properties:

no information available

Bulk density:

200 - 500 kg/m³

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

5

Solvent content:

Solid content:

Particle size:

Other information:

Dust explosion value (Kst): < 300 m.b_/s

next page: 6

Safety Data Sheet

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

O63682 Benecel™ A4C

Page 6

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

Minimal ignition energy: > 10 mJ

Ignition temperature: 380°C

10. Stability and Reactivity

10.1. Reactivity

The product is stable.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Dust can form explosive mixtures with air.

10.4. Conditions to Avoid

Conditions to avoid:

Protect from frost, heat and direct sunlight.

Thermal decomposition:

10.5. Incompatible Materials

Oxidizing agents.

10.6. Hazardous Decomposition Products

Hydrogen chloride gas.

Carbon monoxide and dioxide.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

No information available.

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Dust may cause irritation.

Irritant effect on eyes:

Dust may irritate eyes.

Inhalation:

Dust can cause irritation of the respiratory system.

Ingestion:

No irritant effect known.

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

063682 Benecel™ A4C

Page 7

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

No data available.

Daphnia toxicity:

No information available.

Bacteria toxicity:

No data available.

Algae toxicity:

No information available.

12.2. Persistency and Degradability

Biochemical oxygen demand within 5 days.

Biochemical oxygen demand (BOD): 0 - 100 %

12.3. Bioaccumulation

Not applicable.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

On the basis of available data, the product does not contain any PBT or vPvB substances in percentage greater than 0.1 %.

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

If product cannot be reused or recycled, it has to be disposed of according to current local regulations.

European Waste Code (EWC):

next page: 8

Safety Data Sheet

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

Labshop

Chemicals, Restoration and Art Supplies

O63682 Benecel™ A4C

Page 8

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

Uncleaned packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

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 / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

Not classified as environmentally hazardous.

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

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

next page: 9

O63682 Benecel™ A4C

Page 9

Revised edition: 08.08.2022

Version: 2.0

Printed: 26.08.2022

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture*Water hazard class:**1, slightly hazardous for water (German Regulation)**Local regulations on chemical accidents:**Seveso III Directive: not applicable under Directive 2012/18/EC.**Employment restrictions:**Restriction and prohibition of application:**EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable**Technical instructions on air quality:**Not applicable.***15.2. Chemical Safety Assessment****15.3. Further Information***Listed in the following inventories:**REACH (EU), TSCA (US), AICS (AUS), DSL (CA), ENCS/ISHL (JP), KECI (KR), IECSC (CN), PICCS (PH), NZIoC (NZ), TCSI (TW), TECl (TH)**EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable**Regulation (EU) 2019/1021 - Persistent organic pollutants: not regulated / not applicable**Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable**Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable*

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.*