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MATERIAL SAFETY DATA SHEET

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 June 2026

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier

Trade name: Dicacel 1, 2, 4, 10 & 20

Substance name: Cellulose

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

Usage as: Filter aid

Restrictions: none

1.3 Details of the supplier of the safety data sheet

Company name: Dicalite Trading n.v.
Address: Scheepzatestraat 100
9000 Gent
BELGIUM
Telephone: +32 9 250 95 50
Telefax: +32 9 250 95 69
e-mail: sales@dicalite-europe.com

1.4 Emergency telephone number

Emergency info: +32 9 250 95 50 (8.00-17.00) or +32 477 424 783 (17.00-8.00)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product is not classified as dangerous according to Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Labelling of the product is not required according to Regulation (EC) No. 1272/2008 (CLP)

2.3 Other hazards

There is no information available on other hazards.

The product does not meet the criteria for PBT or vPvB substances, according to Annex XIII Regulation (EC) No 1907/2006 (REACH).

The product does not contain ingredients in quantities of 0.1 % or more that exhibit endocrine disrupting properties according to Regulation (EC) No 1907/2006 (REACH) Article 57(f), Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Component	%	CAS- No.	EINECS-No.
Cellulose	90 – 99	9004-34-6	232-674-9
Water	1 – 7	7732-18-5	231-791-2

Remark: Not classified according to Regulation (EC) No 1272/2008 (CLP).

3.2 Mixtures

The product is a substance: See information under 3.1.

4. FIRST AID MEASURES

4.1 Description of first aid measures

In case of skin contact: No measures required.

In case of eye contact: In case of contact with eyes, rinse thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact: May cause mechanical irritation.

4.3 Indication of any immediate medical attention and special treatment needed

No special measures required.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water, foam, extinguishing powder, carbon dioxide, sand

Unsuitable extinguishing media: none

5.2 Special hazards arising from the substance or mixture

Special hazards during firefighting: Organic dusts occurring in sufficient concentrations may form explosive mixtures in combination with air. Do not allow run-off water

from firefighting operations to enter sewage or water courses.

Combustion products: May produce toxic carbon monoxide fumes when burned.

5.3 Advice for firefighters

Protective equipment: Put on self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Precautions: Avoid dust.

6.2 Environmental precautions

None.

6.3 Methods and material for containment and cleaning up

Cleaning: First soak up spilled quantities dry or pick up mechanically.

6.4 Reference to other sections

Information on PPE: see section 8.

Disposal information: see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special precautionary or hygienic measures are required when used properly.

7.2 Conditions for safe storage, including any incompatibilities

Advice on protection against fire and explosion: Raised dust may form explosive mixtures with air. Hot product generates inflammable smoulder gases, which may form explosive mixtures with air. Danger of spontaneous ignition at temperatures >210 °C. The action of suited ignition sources causes self-progressive smoulder burnings. Precautions against burnings and explosions known from provisions and literature have to be observed.

Assessment: When exposed to suitable ignition sources, independently propagating smouldering fires can occur. The precautionary measures against fires and

	explosions known from regulations and the literature must be met.
Pneumatic transport:	Devices to avoid electrostatic charges have to be installed.
Requirements for storage rooms and containers:	Storage under dry conditions.

7.3 Specific end use(s)

Refer to technical data sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No exposure limits are defined for the product.

8.2 Exposure controls

General protective measures:	Avoid contact with eyes.
Eye protection:	Wear protective goggles.
Respiratory protection:	Wear FFP2 mask when working with dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	form:	powder
	colour:	white
	odour:	odourless
Physical properties	physical state:	solid
	density:	n.d.
	bulk density:	refer to technical data sheet
	particle properties:	no data available
	melting point:	decomposes before melting
	freezing point:	product is solid
	boiling point:	decomposes before boiling
	vapor pressure:	not applicable - solid
	relative vapor density:	not applicable - solid
	kinematic viscosity:	not applicable - solid
Chemical properties	pH:	5 – 9 (10 % suspension), depending on type
	solubility:	insoluble
	flammability:	the product is flammable but not easily ignitable

lower and upper explosion limit:	not applicable - solid
flash point:	230°C (DIN 54370)
ignition temperature:	not applicable - solid
decomposition temperature:	210 °C, formation of burnable smoulder gases
distribution coefficient n-octanol/water:	not relevant

9.2 Other information

None.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Product is stable when stored and handled properly.

10.2 Chemical stability

Product is stable when stored and handled properly.

10.3 Possibility of hazardous reactions

No known hazardous reactions when used as directed.

10.4 Conditions to avoid

Keep away from open flames, sparks and other ignition sources.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Danger of formation of burnable decomposition gases above 210 °C.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

The product does not meet the criteria for classification according to Regulation No 1272/2008/EC.

a) Acute toxicity

The product does not meet the ATE criteria and is therefore not classified as acutely toxic.

oral:	LD_{50} (rat):	no data available
dermal:	LD_{50} (rabbit):	no data available
inhalative:	LD_{50} (rat, 4h):	no data available

b) skin corrosion/irritation

The product is not classified as corrosive or irritant.

dermal:	not irritant (rabbit)

c) serious eye damage/irritation

The product is not classified as harmful or irritant.

ocular:	not irritant (rabbit eye)

d) respiratory or skin sensitisation

There are no data available for classification as sensitizing.

e) germ cell mutagenicity

No germ cell mutagenic effects known.

f) carcinogenicity

In accordance with OSHA, IARC and NTP, the product does not contain any carcinogenic or potential carcinogenic components.

g) reproductive toxicity

No data are available to classify the product as toxic to reproduction.

h) STOT-single exposure

None known.

i) STOT-repeated exposure

None known.

j) aspiration hazard

The product is not to be considered an aspiration hazard.

11.2 Information on other hazards

None known.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Fish toxicity:	LC_0:	Zebrafish (brachydanio rerio):	not available
		Golden orfe (Leuciscus idus):	not available
		according to OECD test guideline 203	
	LC_{50}:	Trout:	not available
		according to OECD test guideline 203	
Toxicity to aquatic invertebrates:	EC_0:	Daphnia magna (Greater water flea):	not available
		according to OECD test guideline 202	
Bacterial toxicity:	EC_0:	activated sludge:	not available
		according to DIN 38412 T.27	
	EC_0:	activated sludge:	not available
		according to DIN 38412 T.8	

No known toxicity.

12.2 Persistence and degradability

Cellulose is insoluble in water. It may be eliminated out of water by a biotic process or mechanical action. The product is not biodegradable under conditions in a purification plant.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB substances, according to Annex XIII Regulation (EC) No 1907/2006 (REACH).

12.6 Endocrine disrupting properties

Not relevant.

12.7 Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	Can be disposed of with domestic waste in accordance to local regulations, after consultation with the waste disposal contractor and the local authorities. Do not discharge into sewers, soil or other waters.
Packaging	Contaminated packaging must be emptied in the best possible way. It can then be transferred to recycling.

14. TRANSPORT INFORMATION

14.1 UN number or ID number

Not applicable.

14.2 UN proper shipping name

No dangerous goods in the sense of the transport regulation. No labelling required.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

No special precautionary measures.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant.

15. REGULATORY INFORMATION

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

EU Directives:

Regulation (EC) No 1907/2006 (REACH):	exempted as polymer
Regulation (EC) No 1272/2008 (CLP):	not applicable
Directive 2012/18/EU (Seveso III):	not applicable

Furthermore, Regulations (EC) No. 1005/2009, (EC) No. 850/2004, (EC) No. 649/2012 and (EC) No. 648/2004 do not apply.

National directives (Germany):

Ordinance on installations for handling with substances hazardous to water (AwSV):	not water hazardous
Storage of hazardous substances in mobile containers (TRGS 510):	LGK 11 (flammable solids)
Technical Instructions on Quality of Air (TA Luft):	5.2.1 Total dust 20 mg/m³

15.2 Chemical safety assessment

A chemical safety assessment for the product is not required.

16. OTHER INFORMATION

16.1 Modifications implemented

This document has been completely revised to comply with the current status of Regulation (EC) No 1907/2006 (REACH), and Regulation (EC) No 1272/2008 (CLP). The design has been adapted to the internal design guidelines. No relevant changes have been made with regard to product safety classification.

16.2 Disclaimer

This information only concerns the above-mentioned product and does not need to be valid if used with other products or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the users own responsibility to make sure that the information is appropriate and complete for his special use of this product.