

SAFETY DATA SHEET

According to Regulation EU No. 1907/2006 and Regulation EU No. 2020/878

Date of issue: 26.06.2023

Revision number: 04

Superseded version: 20.06.2021

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1. Identification of the substance/mixture and of the company/undertaking

1.1. Identifier product

Product name:

VISCORD ® BOHEMIA

Viscose fibre, cellulose fibre, rayon fibre, polysaccharide (polymer)

Registration number:

is not subject of the registration

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

Identified uses of the substance or mixture:

Production of chemical substances, mixtures and intermediates, textile industry, the uses in consumer goods for household

Uses advised against: production of feeds, nutritional and pharmaceutical industry

1.3. Details of the supplier of the safety data sheet

Supplier identification:

Trade name:

Indorama Ventures Mobility Bohemia s.r.o.

Address:

Terezínská 60, 410 02 Lovosice, Czech republic

Phone number:

+420 416 575 111

fax: **+420 416 575 108**

E-mail:

marketa.svagrova@cz.indorama.net

1.4. Emergency telephone number

Toxikologické informační středisko:

Phone.: **+420 224 919 293; +420 224 915 402**

Address: **Klinika pracovního lékařství 1. LF UK a VFN, Na Bojišti 1, 120 00 Praha 2**

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according Regulation EC No 1272/2008:

Product is not classified as dangerous.

Danger property: not determined.

H-phrases: not determined.

The most important adverse physicochemical effects:

not determined

The most important adverse for human health:

not determined

The most important adverse for the environment:

not determined

2.2. Label elements

Classification of the substance or mixture according Regulation EC No 1272/2008:

Hazard pictogram(s): not determined.

Signal word: not determined.

H-phrases: not determined.

P-phrases: not determined

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2.3. Other hazard:

Not known

Product has not been identified as PBT / vPvB in sense of Annex XIII Directive REACH.
Product does not have endocrine disrupting properties according to Article 57(f) of REACH.

3. Composition/information on ingredients

3.1. Substances

Product name:

VISCORD® BOHEMIA

Viscose fibre, cellulose fibre, rayon fibre, polysaccharide (polymer)

Other identification data of substance:

Registration number:

is not subject of the registration

CAS	EINECS	Chemical name	Concentration	Classification according EC 1272/2008
61788-77-0	-	Rayon fibre	min. 99% w/w	substance is not classified as dangerous

Product contains the ingredients for surface treatment of fibre (max. 0,5% w/w) which have no danger properties.

4. First aid measures

4.1. Description of first aid measures

General information:

During first delivery it is necessary to ensure safety of disabled person and saving person

In states of endangering of life to carry out the resuscitation:

affected person is not breathing

cardiac arrest

unconscious

- immediately do artificial respiration

- immediately initiate indirect heart massage

- it is necessary to lay the victim into the recovery position on the side

Other data: Other information concerning the delivery of first aid measures, especially in serious cases of health damage, the attending physician can consult the procedure with Toxikologické informační středisko,

phone (continually): +420 224 919 293, 224 915 402.

Inhalation: By inhalation of dust or fibres, leave the place of exposure and move to fresh air.

Skin contact: First aid measures are not necessary.

Contact with eyes: In contact eyes with dust or fibres, flush eyes with plenty of water for at least 15 minutes (remove contact lenses if possible), occasionally lifting the upper and lower eyelids. Seek medical attention.

Ingestion: First aid measures are not necessary.

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4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Not determined.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Extinguishing media conform to substance burning in surrounding. Splitting water, medium and light foam.

Unsuitable extinguishing media:

Powder foam.

5.2. Special hazards arising from the substance or mixture

The combustion products contain compounds of carbon, hydrogen and oxygen and can also contain carbon monoxide.

5.3. Advice for firefighters

Use breathing apparatus when fighting a fire - danger of smoke and carbon monoxide. In storage spaces danger of stored product fall. Strong filling with smoke of storage spaces – losing sense of direction.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Not necessary

For emergency responders:

In case of dust formation use mask against dust, avoid contact with eyes (safety glasses).

6.2. Environmental precautions

Not necessary

6.3. Methods and material for containment and cleaning up

Methods of containment of leakage:

Not determined.

Methods for cleaning up:

Spilled amount remove by mechanical way (e.g. sweep off, exhaust), deposit into waste container (disposal as waste) and disposal in accordance with law of wastes.

Other information:

Not determined.

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6.4. Reference to other section

See Section 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling

Avoid formation or deposition of dust - danger of fire.

7.2. Conditions for safe storage, including any incompatibilities

Storage in dry environment. Not store with acids, bases or flammable liquids for reason of undesirable reactions during fire. Observe rules of good storage of product.

7.3. Specific end use(s)

Not determined.

8. Exposure controls/personal protection

8.1. Control parameters

Not determined. Product is not classified as dangerous.

8.2. Exposure controls

Appropriate engineering controls:

Dustiness control, ensure ventilation/exhausting, dust deposited remove by mechanical way.

Individual protection measures, such as personal protective equipment:

Observe working procedure. Handle in accordance with good industrial hygiene and safety practice.

Eye/face protection: Protective chemical resistant goggles.

Skin protection: Not necessary

Respiratory protection: In the case of dust formation use respirator with an approved filter.

Hand protection: Not necessary

Thermal hazard: Not determined, under normal conditions impossible.

Environmental exposure controls:

Product is not classified as dangerous for environment and has not been identified as PBT / vPvB in sense of Annex XIII Directive REACH. Product does not have endocrine disrupting properties according to Article 57(f) of REACH.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Yellowish
Odour:	Odourless

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Melting point/ freezing point:	> 175°C decomposition
Boiling point or initial boiling point and boiling range:	Not determined
Flammability:	The product is flammable, but it does not reach the classification for solid combustible substances. The ignition point is ca. 400°C.
Lower and upper explosion limit:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not applicable
pH:	Not relevant
Kinematic viscosity:	Not applicable
Solubility:	Insoluble in water and fats
Partition coefficient: n-octanol/water (log value):	Not applicable
Vapour pressure:	Not relevant
Density:	1,50 g/cm ³ (20 °C)
Relative vapour density:	Not applicable
Particle characteristics:	Continuous filament

9.2. Other information

Not known.

10. Stability and reactivity

10.1. Reactivity

Substance is not reactive under normal conditions. Reaction with oxidizing agents, acids and bases.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reaction with oxidizing agents, acids and bases.

10.4. Conditions to avoid

Avoid contact with oxidizing agents, acids and bases. Avoid long time exposition to the sunlight. Decomposition at temperatures higher than 175 °C.

10.5. Incompatible materials

Oxidizing agents, acids and bases.

10.6. Hazardous decomposition products

Carbon oxides, different hydrocarbons.

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11. Toxicological information

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

Substances:

Product is not classified as dangerous for man.

Acute toxicity: Not determined

Skin corrosion/irritation: Not irritating

Serious eye damage/irritation: Not irritating

Respiratory or skin sensitisation: No evidence

Germ cell mutagenicity: No evidence

Carcinogenicity: No evidence

Reproductive toxicity: Not toxic

STOT-single exposure: No evidence

STOT-repeated exposure: No evidence

Aspiration hazard: Not irritating

Information on likely routes of exposure: Not determined

Symptoms related to the physical, chemical and toxicological characteristics:

Not determined

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Not determined.

Interactive effects:

Not determined

11.2. Information on other hazards

Product does not have endocrine disrupting properties according to Article 57(f) of REACH.

12. Ecological information

12.1. Toxicity

Product is not classified as dangerous for environment and has not been identified as PBT / vPvB in sense of Annex XIII Directive REACH.

LC₅₀ (96 hrs) fish: not determined

EC₅₀ (48 hrs) invertebrates: not determined

EC₅₀ (72 hrs) algae: not determined

12.2. Persistence and degradability

Product is regenerated cellulose (polysaccharide) which is biodegradable.

12.3. Bioaccumulative potential

Not determined.

12.4. Mobility in soil

Not determined. Substance is insoluble in water.



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12.5. Results of PBT and vPvB assessment

Product has not been identified as PBT / vPvB

12.6. Endocrine disrupting properties

Product does not have endocrine disrupting properties according to Article 57(f) of REACH.

12.7. Other adverse effects

Not known.

13. Disposal considerations

13.1. Waste treatment methods

Ways of disposal: Product has to be disposed in accordance with law of wastes in valid version and with connecting on legal directives. Useless residues are waste of category "O" (others). Observe all safety procedures and substance put into labelled non-permeable container, bigger amounts then hand over to authorized person for disposal.

Contaminated container treatment methods: Contaminated container has to be disposed in accordance with law of wastes in valid version and with connecting on legal directives. Empty contaminated containers are waste of category "O" (others). Retail package put into separated collection of municipal wastes. Industrial containers or packages hand over to authorized person for disposal.

Other information: Disposal has to be in accordance with law of wastes in valid version and with connecting on legal directives

14. Transport information

14.1. **UN number or ID number** : product is not dangerous for transport

14.2. **UN proper shipping name**: product is not dangerous for transport

14.3. **Transport hazard class(es)**: product is not dangerous for transport

14.4. **Packing group**: product is not dangerous for transport

14.5. **Environmental hazards**: product is not dangerous for transport

14.6. **Special precautions for user**: product is not dangerous for transport

14.7. **Maritime transport in bulk according to IMO instruments**:
product is not dangerous for transport

15. Regulatory information

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

REGULATION (EC) No 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and

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Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

REGULATION (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures

COMMISSION REGULATION (EU) No. 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment

Substance is not classified as dangerous.

16. Other information

List of relevant H- and P-phrases (Sections 2.):

Substance is not classified as dangerous - H- and P-phrases are not determined.

Advices for training:

Give information of this Safety Data Sheet and good industrial hygiene and safety practice of handling with chemical substances and mixtures to the employers.

The details in this safety data sheet are based on our status of knowledge and experience at the time of date issue. They are not a contractual assurance of quality properties of the product, and they apply only in conjunction with correct and proper handling of the product under normal conditions, and according to the details of specified use on the packing and/or in the technical instructions. The user himself is fully responsible for every other use of the product such as in combination with other products or with other processes.

Source of information for elaboration of Safety Data Sheet:

- Legal directives in valid version
- Safety Data Sheet Glanzstoff-Bohemia s.r.o. from 20.06.2021

Abbreviations:

PBT	Persistent, bioaccumulative and toxic
vPvB	Very persistent and very bioaccumulative
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
CAS	Chemical Abstracts Service
EINECS	Existing Commercial Chemical Substance