

Safety data sheet

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BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 11.03.2019

Version: 5.0

Product: **Cavipor T0**

(ID no. 11080958/SDS_GEN_EU/EN)

Date of print 18.04.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Cavipor T0

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

1.3. Details of the supplier of the safety data sheet

Company:
BASF SE
67056 Ludwigshafen
GERMANY

Telephone: +49 621 60-0
E-mail address: global.info@basf.com

1.4. Emergency telephone number

International emergency number:
Telephone: +49 180 2273-112

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

Skin Corr./Irrit. 1A
Eye Dam./Irrit. 1

H314

For the classifications not written out in full in this section the full text can be found in section 16.

2.2. Label elements

Globally Harmonized System, EU (GHS)

Pictogram:



Signal Word:

Danger

Hazard Statement:

H314 Causes severe skin burns and eye damage.

Precautionary Statements (Prevention):

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P260 Do not breathe dust or mist.

P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P363 Wash contaminated clothing before reuse.

Precautionary Statements (Storage):

P405 Store locked up.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical nature

Hazardous ingredients (GHS)

according to Regulation (EC) No. 1272/2008

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

Content (W/W): $\geq 0.285\%$ - $< 2.36\%$ Skin Corr./Irrit. 2

Eye Dam./Irrit. 1

CAS Number: 110615-47-9 H318, H315

REACH registration number: 01-2119489418-23

Specific concentration limit:

Eye Irrit. 1: $> 12\%$ Skin Corr./Irrit. 2: $> 30\%$

Potassium methylsilanetriolate

Content (W/W): $\geq 0.25\%$ - $\leq 4.9\%$ Skin Corr./Irrit. 1A

Eye Dam./Irrit. 1

CAS Number: 31795-24-1 H314

EC-Number: 250-807-9

REACH registration number: 01-2119517439-34

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Content (W/W): $\geq 0.945\%$ - $\leq 2.52\%$ Skin Corr./Irrit. 2

Eye Dam./Irrit. 1

CAS Number: 68891-38-3 H318, H315

Specific concentration limit:

Eye Irrit. 2: $> 10\%$ - $< 30\%$ Eye Dam. 1: $\geq 30\%$

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

SECTION 4: First-Aid Measures

4.1. Description of first aid measures

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

On skin contact:

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Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media:
water spray, dry powder, foam

5.2. Special hazards arising from the substance or mixture

harmful vapours, carbon oxides, sulfur oxides

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

5.3. Advice for fire-fighters

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures see, section 8.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Segregate from acids.

Suitable materials for containers: High density polyethylene (HDPE)

Unsuitable materials for containers: Aluminium

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Further information on storage conditions: Keep container tightly closed.

Storage stability:

Storage temperature: 5 - 40 °C

Storage duration: 6 Months

7.3. Specific end use(s)

technical and organizational protective measures are preferable to use (personal protective Equipment must not be a permanent measure)

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

8.2. Exposure controls

Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. (Particle filter EN 143 P2 or FFP2)

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures

When using do not eat or drink. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form:	liquid	
Colour:	colourless to yellowish clear	
Odour:	product specific	
pH value:	approx. 12.0 (water, 10 %(m), 23 °C)	(DIN EN 1262)
pour point:	approx. < 0 °C	(DIN ISO 3016)
Boiling point:	approx. >= 100 °C not determined, contains water	
Flash point:	Not determinable., Aqueous preparation	
Flammability:	not flammable	

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Ignition temperature:	Based on the water content the product does not ignite.	
Vapour pressure:	23.4 hPa (20 °C) contains water	
Density:	approx. 1.02 g/cm ³ (20 °C)	(DIN 51757)
Solubility in water:	soluble	
Partitioning coefficient n-octanol/water (log Kow):	not applicable	
Self ignition:	not self-igniting	
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:	approx. 80 mPa.s (20 °C)	(ISO 12058-1)
	approx. 50 mPa.s (40 °C)	(ISO 12058-1)
Explosion hazard:	not explosive	
Fire promoting properties:	not fire-propagating	

9.2. Other information

Hygroscopy:	Non-hygroscopic	
Surface tension:	approx. 40.7 mN/m (20 °C; 0.5 % (V))	(DIN EN 14370)

SECTION 10: Stability and Reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

Assessment of acute toxicity:

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Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Irritation

Assessment of irritating effects:

Classified as 'corrosive' due to pH value. (Regulation (EC) No. 1272/2008)

Experimental/calculated data:

Serious eye damage/irritation: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Assessment of irritating effects:

Skin contact causes irritation.

May cause severe damage to the eyes.

Respiratory/Skin sensitization

Assessment of sensitization:

A sensitizing effect on particularly sensitive individuals cannot be excluded.

Information on: 1,2-benzisothiazol-3(2H)-one

Assessment of sensitization:

Sensitization after skin contact possible. The chemical structure suggests a sensitizing effect.

Caused sensitization in humans.

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Assessment of sensitization:

Skin sensitizing effects were not observed in animal studies.

Germ cell mutagenicity

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Assessment of mutagenicity:

The substance was not mutagenic in bacteria. No mutagenic effect was found in various tests with mammalian cell culture and mammals.

Carcinogenicity

No data available.

Reproductive toxicity

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Assessment of reproduction toxicity:

The results of animal studies gave no indication of a fertility impairing effect.

Developmental toxicity

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Assessment of teratogenicity:

No indications of a developmental toxic / teratogenic effect were seen in animal studies.

Specific target organ toxicity (single exposure)

No data available.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Assessment of repeated dose toxicity:

Repeated oral uptake of the substance did not cause substance-related effects.

Aspiration hazard

No data available.

SECTION 12: Ecological Information**12.1. Toxicity**

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

Toxicity to fish:

LC50 (48 h) > 1 - 10 mg/l, *Leuciscus idus* (DIN EN ISO 7346-2)

Aquatic invertebrates:

EC50 (24 h) > 100, *Daphnia magna*

Aquatic plants:

EC50 (96 h) > 1 - 10 mg/l (growth rate), *Desmodesmus subspicatus* (OECD Guideline 201)
acute Effect

EC10 > 1 mg/l, *Desmodesmus subspicatus*
long-term effect

Microorganisms/Effect on activated sludge:

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EC0 (30 min) > 1 - 10 mg/l, *Pseudomonas putida* (OECD Guideline 209)

Chronic toxicity to fish:

No data available.

Chronic toxicity to aquatic invertebrates:

No data available.

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Toxicity to fish:

*LC50 (48 h) 9.6 mg/l, *Leuciscus idus* (Screening (style of OECD 203))*

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Aquatic invertebrates:

*EC50 (24 h) > 148 mg/l, *Daphnia magna* (other)*

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Aquatic plants:

*EC50 (96 h) 7.5 mg/l (growth rate), *Desmodemus subspicatus* (OECD Guideline 201)*

acute Effect

*EC10 1.5 mg/l, *Desmodemus subspicatus**

long-term effect

Assessment of terrestrial toxicity:

No data available concerning terrestrial toxicity.

12.2. Persistence and degradability

Assessment biodegradation and elimination (H2O):

The product has not been tested.

Information on: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Assessment biodegradation and elimination (H2O):

Readily biodegradable (according to OECD criteria).

Information on: 1,2-benzisothiazol-3(2H)-one

Assessment biodegradation and elimination (H2O):

Not readily biodegradable (by OECD criteria).

12.3. Bioaccumulative potential

Assessment bioaccumulation potential:

Accumulation in organisms is not to be expected.

12.4. Mobility in soil

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Assessment transport between environmental compartments:

Volatility: The substance will not evaporate into the atmosphere from the water surface.

Adsorption in soil: Adsorption to solid soil phase is possible.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

12.7. Additional information

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging:

Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

SECTION 14: Transport Information

Land transport

ADR

UN number	UN3267
UN proper shipping name:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains POTASSIUM METHYLSILANETRIOLATE)
Transport hazard class(es):	8
Packing group:	II
Environmental hazards:	no
Special precautions for user:	Tunnel code: E

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RID

UN number	UN3267
UN proper shipping name:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains POTASSIUM METHYLSILANETRIOLATE)
Transport hazard class(es):	8
Packing group:	II
Environmental hazards:	no
Special precautions for user:	None known

Inland waterway transport**ADN**

UN number	UN3267
UN proper shipping name:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains POTASSIUM METHYLSILANETRIOLATE)
Transport hazard class(es):	8
Packing group:	II
Environmental hazards:	no
Special precautions for user:	None known

Transport in inland waterway vessel

Not evaluated

Sea transport**IMDG**

UN number:	UN 3267
UN proper shipping name:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains POTASSIUM METHYLSILANETRIOLATE)
Transport hazard class(es):	8
Packing group:	II
Environmental hazards:	no
Special precautions for user:	Marine pollutant: NO None known

Air transport**IATA/ICAO**

UN number:	UN 3267
UN proper shipping name:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains POTASSIUM METHYLSILANETRIOLATE)

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Transport hazard class(es):	8
Packing group:	II
Environmental hazards:	No Mark as dangerous for the environment is needed
Special precautions for user:	None known

14.1. UN number

See corresponding entries for "UN number" for the respective regulations in the tables above.

14.2. UN proper shipping name

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

14.3. Transport hazard class(es)

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

14.4. Packing group

See corresponding entries for "Packing group" for the respective regulations in the tables above.

14.5. Environmental hazards

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

14.6. Special precautions for user

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Regulation:	Not evaluated
Shipment approved:	Not evaluated
Pollution name:	Not evaluated
Pollution category:	Not evaluated
Ship Type:	Not evaluated

SECTION 15: Regulatory Information

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

Prohibitions, Restrictions and Authorizations

Annex XVII of Regulation (EC) No 1907/2006: Number on List: 3

SECTION 16: Other Information

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Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:

Skin Corr./Irrit.	Skin corrosion/irritation
Eye Dam./Irrit.	Serious eye damage/eye irritation
Eye Irrit.	Serious eye irritation
Eye Dam.	Serious eye damage
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H315	Causes skin irritation.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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