

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

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

1.1. Product identifier

Trade name/designation:

PUR-O-STOP HF A-Komponente

UFI:

9WSS-0FRY-8516-5V2X

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

No data available

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

TPH Bausysteme GmbH

Nordportbogen 8
22848 Norderstedt
Germany

Telephone: +49 40 52 90 66 78-0

Telefax: +49 40 52 90 66 78-78

E-mail: info@tph-bausysteme.com

Website: www.tph-bausysteme.com

E-mail (competent person): sdb-info@tph-bausysteme.com

1.4. Emergency telephone number

24h: GIZ-Nord +49 551 / 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation (Eye Irrit. 2)	H319: Causes serious eye irritation.	Calculation method.

Additional information:

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS07

Exclamation mark

Signal word: Warning

Hazard components for labelling:

1,4-diazabicyclooctane; 1,2-Ethanediol

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

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PUR-O-STOP HF A-Komponente

hazard statements for health hazards

H319 Causes serious eye irritation.

Supplemental hazard information: -

Precautionary statements Prevention

P264 Wash hands thoroughly after handling.

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

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.

P337 + P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 107-21-1 EC No.: 203-473-3 Index No.: 603-027-00-1 REACH No.: 01-2119456816-28-XXXX	1,2-Ethanediol Acute Tox. 4 Warning H302	2.5 - 10 weight-%
CAS No.: 280-57-9 EC No.: 205-999-9 REACH No.: 01-2119980944-22-XXXX	1,4-diazabicyclooctane Acute Tox. 4, Eye Dam. 1, Flam. Sol. 1, Skin Irrit. 2 Danger H228-H302-H315-H318	≤ 1 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Rinse mouth. Let water be drunk in little sips (dilution effect). Get medical advice/attention if you feel unwell.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

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Self-protection of the first aider:

Use personal protection equipment.

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

Serious eye damage/eye irritation

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Extinguishing powder Carbon dioxide (CO₂) Water spray jet

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

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

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
CH	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (26 mg/m ³) ② 20 ppm (52 mg/m ³) ⑤ (kann über die Haut aufgenommen werden)
BE	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ③ 40 ppm (104 mg/m ³) ⑤ (Aérosol, peut être absorbé par la peau)
CZ	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 19.4 ppm (50 mg/m ³) ② 38.8 ppm (100 mg/m ³) ⑤ (může pronikat pokožkou)
PL	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 15 mg/m ³ ② 50 mg/m ³ ⑤ (może przenikać przez skórę do organizmu)
NO	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (kan absorberes gjennom huden)
TRGS 900 (DE)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (26 mg/m ³) ② 20 ppm (52 mg/m ³) ⑤ (Aerosol und Dampf, kann über die Haut aufgenommen werden)
IE	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 mg/m ³ ⑤ (may be absorbed through the skin)
IE	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (vapour, may be absorbed through the skin)
MY	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	③ 39.4 ppm (100 mg/m ³)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
HTP (FI)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (50 mg/m ³) ② 40 ppm (100 mg/m ³) ⑤ (kan absorberas genom huden)
LT	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (25 mg/m ³) ② 20 ppm (50 mg/m ³) ⑤ (garų ir Aerosolis) (tikėtinas įsisavinimas per odą) Šis RD tai komas bendrai garų ir aerosolio koncentracijai.
SE	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (25 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (kan absorberas genom huden)
NPEL (SK)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (rátajte so vstrebávaním cez pokožku)
MAK (AT)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (26 mg/m ³) ⑤ (kann über die Haut aufgenommen werden)
DK	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 mg/m ³ ② 20 mg/m ³
DK	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (26 mg/m ³) ② 20 ppm (52 mg/m ³) ⑤ (kan optages gennem huden)
MAK (AT)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	② 20 ppm (52 mg/m ³) ⑤ (max. 8x5 min./Schicht, Momentanwert, kann über die Haut aufgenommen werden)
BG	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (трябва да се очаква абсорбиране през кожата)
HR	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (mora se uzeti u obzir prodiranje kroz kožu)
ES	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (puede ser absorbido a través dérmica)
RO	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (e de așteptat asimilarea prin piele)
EE	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (naha kaudu kergesti absorbeeruvad ained, aur ja Aerosool)
LV	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (var absorbet caur adu)
Alberta (CA)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	③ 100 mg/m ³

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

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BC (CA)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	③ 100 mg/m ³ ⑤ (Aerosol)
BC (CA)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 mg/m ³ ② 20 mg/m ³ ⑤ (particles)
BC (CA)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	③ 50 mg/m ³ ⑤ (vapor)
IOELV (EU)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (may be absorbed through the skin)
VRI (FR)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (peut être absorbé par la peau)
WEL (GB)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (vapour, may be absorbed through the skin)
SI	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (računati je treba z možnostjo prodiranja skozi kožo)
TW	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 mg/m ³ ⑤ (蒸汽)
TW	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	③ 50 ppm (127 mg/m ³) ⑤ (霧)
WEL (GB)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 mg/m ³ ⑤ (may be absorbed through the skin)
KR	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	③ 40 ppm (100 mg/m ³) ⑤ (증기 와(과) 연무)
IS	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (26 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (efnið getur auðveldlega borist inn í líkamann gegnum húð)
IS	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 ppm (26 mg/m ³) ⑤ (úðaefni, efnið getur auðveldlega borist inn í líkamann gegnum húð)
CN	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 mg/m ³ ② 40 mg/m ³
HU	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 52 mg/m ³ ② 104 mg/m ³ ⑤ (felvehető a bőrön keresztül)
RU	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 5 mg/m ³ ③ 10 mg/m ³

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

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GR	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 50 ppm (125 mg/m ³) ② 50 ppm (125 mg/m ³)
NL	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 52 mg/m ³ ② 104 mg/m ³ ⑤ (damp)
ACGIH (US)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	② 10 mg/m ³ ⑤ (inhalable fraction Aerosol)
NL	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 10 mg/m ³ ⑤ (deeltjes)
TR	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 20 ppm (52 mg/m ³) ② 40 ppm (104 mg/m ³) ⑤ (cilt yoluyla alınabilir)
ACGIH (US)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	① 25 ppm ② 50 ppm ⑤ (vapor)
Québec (CA)	1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	③ 50 ppm (127 mg/m ³)
Ontario (CA)	1,4-diazabicyclooctane CAS No.: 280-57-9 EC No.: 205-999-9	① 1 ppm (4.6 mg/m ³) ⑤ (may be absorbed through the skin)
RU	1,4-diazabicyclooctane CAS No.: 280-57-9 EC No.: 205-999-9	③ 1 mg/m ³
TRGS 900 (DE)	Hydrocarbons, TRGS 900	① 0 mg/m ³ ⑤ Mass fraction (wt %): 0

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	35 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	7 mg/m ³	① DNEL Consumer ② Long-term - inhalation, local effects
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	106 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	53 mg/kg	① DNEL Consumer ② Long-term - dermal, systemic effects
1,4-diazabicyclooctane CAS No.: 280-57-9 EC No.: 205-999-9	1.2 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

Substance name	DNEL value	① DNEL type ② Exposure route
1,4-diazabicyclooctane CAS No.: 280-57-9 EC No.: 205-999-9	3.6 mg/m ³	① DNEL worker ② Acute - inhalation, systemic effects

Substance name	PNEC Value	① PNEC type
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	10 mg/l	① PNEC aquatic, freshwater
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	1 mg/l	① PNEC aquatic, marine water
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	199.5 mg/l	① PNEC sewage treatment plant
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	37 mg/kg bw/day	① PNEC sediment, freshwater
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	3.7 mg/kg bw/day	① PNEC sediment, marine water
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	1.53 mg/kg	① PNEC soil
1,2-Ethandiol CAS No.: 107-21-1 EC No.: 203-473-3	10 mg/l	① PNEC aquatic, intermittent release

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection DIN EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min
In the case of wanting to use the gloves again, clean them before taking off and air them well.
Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection:

Filtering device with filter or ventilator filtering device of type: A

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: colourless

Odour: not determined

Safety relevant basis data

parameter		at °C	Method	Remark
pH	not determined			
Melting point	not determined			
Freezing point	not determined			

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

parameter		at °C	Method	Remark
Initial boiling point and boiling range	not determined			
Decomposition temperature	not determined			
Flash point	not determined			
Evaporation rate	not determined			
Auto-ignition temperature	not determined			
Upper/lower flammability or explosive limits	not determined			
Vapour pressure	not determined			
Vapour density	not determined			
Density	1.05 g/cm ³	21 °C		
Bulk density	not determined			
Water solubility	not determined			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	240 mPa*s	23 °C		
Kinematic viscosity	not determined			

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance name	Toxicological information
1,2-Ethanediol CAS No.: 107-21-1 EC No.: 203-473-3	LD₅₀ oral: 7,712 mg/kg (Rat) LD₅₀ dermal: >3,500 mg/kg (Mouse) LC₅₀ Acute inhalation toxicity (vapour): >2.5 mg/l 6 h (Rat)
1,4-diazabicyclooctane CAS No.: 280-57-9 EC No.: 205-999-9	LD₅₀ oral: 50 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit)

Acute oral toxicity:

Based on available data, the classification criteria are not met.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

Acute dermal toxicity:

Based on available data, the classification criteria are not met.

Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Additional information:

No data available

SECTION 12: Ecological information

12.1. Toxicity

Substance name	Toxicological information
1,2-Ethanediol CAS No.: 107-21-1 EC No.: 203-473-3	LC₅₀: 72,860 mg/l 4 d (fish, Pimephales promelas (fathead minnow)) NOEC: 15,380 mg/l (fish, Pimephales promelas (fathead minnow)) 7d EC₅₀: >100 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202 NOEC: 8,590 mg/l (Ceriodaphnia spec) EC₅₀: 6,500 – 13,000 mg/l 4 d (Algae/water plant, Selenastrum capricornutum)
1,4-diazabicyclooctane CAS No.: 280-57-9 EC No.: 205-999-9	LC₅₀: 681 mg/l 4 d (fish, Leuciscus idus (golden orfe)) DIN 38412 T.15) EC₅₀: >100 mg/l 2 d (Daphnia magna (Big water flea)) OECD 202 EC₅₀: 110 mg/l 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201 EC₅₀: 356 mg/l (Pseudomonas putida) DIN 38412 T.8, 17h

12.2. Persistence and degradability

Substance name	Biodegradation	Remark
1,2-Ethanediol CAS No.: 107-21-1	Yes, rapidly	

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

Substance name	Biodegradation	Remark
EC No.: 203-473-3		

12.3. Bioaccumulative potential

Substance name	Log K _{OW}	Bioconcentration factor (BCF)
1,2-Ethanediol CAS No.: 107-21-1 EC No.: 203-473-3	1.36	

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Substance name	Results of PBT and vPvB assessment
1,2-Ethanediol CAS No.: 107-21-1 EC No.: 203-473-3	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.
1,4-diazabicyclooctane CAS No.: 280-57-9 EC No.: 205-999-9	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

07 02 08 * other still bottoms and reaction residues

*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA- DGR)
14.1. UN-No.			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant			

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA- DGR)
14.4. Packing group			
not relevant			
14.5. Environmental hazards			
not relevant			
14.6. Special precautions for user			
not relevant			

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
not relevant

SECTION 15: Regulatory information

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

15.1.1. EU legislation

No data available

15.1.2. National regulations

 **[DE] National regulations**

Water hazard class

WGK:

1 - schwach wassergefährdend

Other regulations, restrictions and prohibition regulations

MAL-kode (Denmark): 00-3

 **[DK] National regulations**

Other regulations, restrictions and prohibition regulations

MAL-kode (Denmark): 00-3

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Hazard classes and hazard categories	Hazard statements	Classification procedure
Serious eye damage/eye irritation (Eye Irrit. 2)	H319: Causes serious eye irritation.	Calculation method.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 6 Jan 2021

Print date: 6 Jan 2021

Version: 1



PUR-O-STOP HF A-Komponente

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H228	Flammable solid.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.

16.6. Training advice

No data available

16.7. Additional information

No data available