

CONN

Safety Data Sheet

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

Initial preparation date: 2025-04-02

Page 1 of 14

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

1.1 Product identifier Product Name: CONN Product code: A01014

1.2 Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses: For Research Use Only. Uses advised against: Not for Use in Diagnostic Procedures. Reasons why uses advised against: Not determined or not applicable.

1.3 Details of the manufacturer/supplier of the safety data sheet

| Manufacturer: | Supplier: |
|--|--|
| United States | European Union |
| Asuragen, Inc. | Bio-Techne (DRD) |
| 2150 Woodward Street | 19 Rue Louis Delourmel |
| Austin, Texas 78744 +1 512-681-5200 | 35230, Noyal Châtillon sur Seiche +33.2.99.35.19.36 |

1.4 Emergency telephone number:

European Union

Bio-Techne (DRD) +33.2.99.35.19.36 (Normal business hours)

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture: Classification according to Regulation (EC) No. 1272/2008 (CLP): The substance or mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP). Hazard-determining components of labeling: 2-amino-2-(hydroxymethyl)propane-1,3-diol Edetate disodium Additional Information: None 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 (CLP) Hazard pictograms: None Signal Word: None Hazard statements: None Precautionary statements: None
- 2.3 Other hazards: None known

SECTION 3: Composition/information on ingredients

- **3.1 Substance:** Not applicable.
- 3.2 Mixture:

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

Initial preparation date: 2025-04-02

CONN

Page 2 of 14

| Identification | EU REACH Registration No. | Name | Classification according to Regulation (EC) No. 1272/2008 (CLP) | Weight % |
|---|------------------------------|---|---|----------|
| CAS number: 77-86-1 EC number: 201-064-4 | - | 2-amino-2- (hydroxymethyl)propane-1,3-diol | STOT SE 3 (RI); H335 | <0.5 |
| CAS number: 6381-92-6 | - | Edetate disodium | Acute Tox. 4 (Inh); H332 STOT SE 3 (RI); H335 STOT RE 2; H373 Eye Irrit. 2; H319 Aquatic Chronic 3; H412 | <0.1 |
| | | | Acute Toxicity Estimate: Inhalation ATE: 1.5 mg/L | |

Additional information: None Full Text of H and EUH statements: See section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

Show this Safety Data Sheet to the doctor in attendance.

Following inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. If respiratory symptoms develop or persist, seek medical advice/attention.

Following skin contact:

Wash affected area with plenty of soap and water. Remove contaminated clothing and launder before reuse. If skin irritation develops or persists, seek medical advice/attention.

Following eye contact:

Immediately rinse eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. If eye irritation develops or persists, seek medical advice/attention.

Following ingestion:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Self-Protection of the first aider:

Take precautions to ensure your own safety before attempting rescue. Wear appropriate safety eyewear, gloves, protective clothing and respiratory protection to prevent exposure. See Section 8 of this SDS for personal protective equipment recommendations.

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

No significant acute effects/symptoms.

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

| Initial preparation date: 2025-04-02 | Page 3 of 14 |
|--------------------------------------|--------------|
| CONN | |

Delayed symptoms and effects:

No significant delayed effects/symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment:

Not determined or not available.

Notes for the doctor:

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable extinguishing media:

Do not use water jet.

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition may produce irritating/toxic fumes/gases.

5.3 Advice for firefighters

Personal protection equipment:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up:

Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

6.4 Reference to other sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

7.2 Conditions for safe storage, including any incompatibilities:

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

Initial preparation date: 2025-04-02

CONN

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

7.3 Specific end use(s):

Refer to Section 1 (Recommended Use).

SECTION 8: Exposure controls/personal protection





Page 4 of 14

8.1 Control parameters

Only those substances with limit values have been included below.

Occupational Exposure limit values:

No occupational exposure limits noted for the ingredient(s).

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Derived No Effect Level (DNEL):

Ingredient Name: 2-amino-2-(hydroxymethyl)propane-1,3-diol

CAS #: 77-86-1

| | Acute - Oral | Not determined or not applicable. |
|--|----------------------|-----------------------------------|
| | Acute - Inhalation | No hazard identified |
| Workers - Systemic | Acute - Dermal | No hazard identified |
| Effects | Chronic - Oral | Not determined or not applicable. |
| | Chronic - Inhalation | 117.5 |
| | Chronic - Dermal | 166.7 mg/kg bw/day |
| | Acute - Oral | Not determined or not applicable. |
| | Acute - Inhalation | No hazard identified |
| Workers - Local | Acute - Dermal | No hazard identified |
| Effects | Chronic - Oral | Not determined or not applicable. |
| | Chronic - Inhalation | No hazard identified |
| | Chronic - Dermal | No hazard identified |
| | Acute - Oral | No hazard identified |
| General Population - Systemic Effects | Acute - Inhalation | No hazard identified |
| | Acute - Dermal | No hazard identified |
| | Chronic - Oral | 8.3 mg/kg bw/day |
| | Chronic - Inhalation | 29 mg/m³ |
| | Chronic - Dermal | 83.3 mg/kg bw/day |

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

|--|

Page 5 of 14

CONN

| | Acute - Oral | Not determined or not applicable. |
|--|----------------------|-----------------------------------|
| General Population - Local Effect | Acute - Inhalation | No hazard identified |
| | Acute - Dermal | No hazard identified |
| | Chronic - Oral | Not determined or not applicable. |
| | Chronic - Inhalation | No hazard identified |
| | Chronic - Dermal | No hazard identified |
| Ingredient Name: E CAS #: 6381-92-6 | detate disodium | |
| | Acute - Oral | Not determined or not applicable. |
| | Acute - Inhalation | 3 mg/m ³ |
| Workers - Systemic | Acute - Dermal | No exposure expected |
| Effects | Chronic - Oral | Not determined or not applicable. |
| | Chronic - Inhalation | 1.5 mg/m ³ |
| | Chronic - Dermal | No exposure expected |
| | Acute - Oral | Not determined or not applicable. |
| | Acute - Inhalation | 3 mg/m ³ |
| Workers - Local | Acute - Dermal | No exposure expected |
| Effects | Chronic - Oral | Not determined or not applicable. |
| | Chronic - Inhalation | 1.5 mg/m ³ |
| | Chronic - Dermal | No exposure expected |
| | Acute - Oral | No exposure expected |
| | Acute - Inhalation | No exposure expected |
| General Population - | Acute - Dermal | No exposure expected |
| Systemic Effects | Chronic - Oral | 25 mg/kg bw/day |
| | Chronic - Inhalation | No exposure expected |
| | Chronic - Dermal | No exposure expected |
| General Population - Local Effect | Acute - Oral | Not determined or not applicable. |
| | Acute - Inhalation | 1.2 mg/m ³ |
| | Acute - Dermal | No exposure expected |
| | Chronic - Oral | Not determined or not applicable. |
| | Chronic - Inhalation | 0.6 mg/m ³ |
| | Chronic - Dermal | No exposure expected |

Predicted No Effect Concentration (PNEC):

Ingredient Name: 2-amino-2-(hydroxymethyl)propane-1,3-diol CAS #: 77-86-1

| Environmental Protection Target | PNEC |
|------------------------------------|----------------------|
| Fresh water | No hazard identified |
| Freshwater sediments | No hazard identified |
| Marine water | No hazard identified |
| Marine sediments | No hazard identified |
| Microorganisms in sewage treatment | 300 mg/L |
| Soil (agricultural) | No hazard identified |
| Air | No hazard identified |
| Oral (Secondary Poisoning) | No exposure expected |

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

| Initial preparation | date: 2025-04-02 |
|---------------------|------------------|
|---------------------|------------------|

CONN

Page 6 of 14

Ingredient Name: Edetate disodium

| /L | |
|--|--|
| osure expected | |
| g/L | |
| osure expected | |
| Microorganisms in sewage treatment 50 mg/L | |
| /kg soil dw | |
| ard identified | |
| osure expected | |
| | |

Information on monitoring procedures:

Not determined or not applicable.

8.2 Exposure controls

Appropriate engineering controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal protection equipment

Eye and face protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and body protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

General hygienic measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

| Product (substance / mixture) related measures to prevent exposure: | Not determined or not applicable. |
|---|-----------------------------------|
| Instruction measures to prevent exposure: | Not determined or not applicable. |
| Organisational measures to prevent exposure: | Not determined or not applicable. |
| Technical measures to prevent exposure: | Not determined or not applicable. |

Risk management measures to control exposure:

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

Initial preparation date: 2025-04-02

CONN

Page 7 of 14

Not determined or not applicable.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Physical State | Liquid |
|---|----------------------------------|
| Color | Not determined or not available. |
| Odor/Odor threshold | Not determined or not available. |
| рН | Not determined or not available. |
| Melting point/freezing point | Not determined or not available. |
| Initial boiling point/range | Not determined or not available. |
| Flash point (closed cup) | Not determined or not available. |
| Flammability | Not determined or not available. |
| Upper flammability/explosive limit | Not determined or not available. |
| Lower flammability/explosive limit | Not determined or not available. |
| Vapor pressure | Not determined or not available. |
| Relative vapor density | Not determined or not available. |
| Density | Not determined or not available. |
| Relative density | Not determined or not available. |
| Solubilities | Not determined or not available. |
| Partition coefficient (n-octanol/water) | Not determined or not available. |
| Auto/Self-ignition temperature | Not determined or not available. |
| Decomposition temperature | Not determined or not available. |
| Kinematic viscosity | Not determined or not available. |
| Particle characteristics | Not determined or not available. |
| | |

9.2 Other information

9.2.1 Information with regard to physical hazard classes

| No data available/Not applicable |
|----------------------------------|
| No data available/Not applicable |
| |
| No data available/Not applicable |
| |

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

Initial preparation date: 2025-04-02

CONN

Page 8 of 14

| Organic peroxides | No data available/Not applicable |
|-------------------------|----------------------------------|
| Corrosive to metals | No data available/Not applicable |
| Desensitized explosives | No data available/Not applicable |

9.2.2 Other safety characteristics

None.

SECTION 10: Stability and reactivity

10.1 Reactivity:

Not reactive under recommended handling and storage conditions.

10.2 Chemical stability:

Stable under recommended handling and storage conditions.

10.3 Possibility of hazardous reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

10.4 Conditions to avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

10.5 Incompatible materials:

None known.

10.6 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

Acute toxicity

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

Product data: No data available.

Substance data:

| Name | Route | Result |
|-------------------------------------|----------------|---|
| 2-amino-2- | oral | LD50 Rat: >5000 mg/kg |
| (hydroxymethyl)propane-1,3- diol | dermal | LD50 Rat: >5000 mg/kg |
| Edetate disodium | oral | LD50 Rat: 2800 mg/kg |
| | Inhalation ATE | LC50 Rabbit: 1.5 mg/L (4hr [dust/mist]) |

Skin corrosion/irritation

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

Product data:

No data available.

Substance data: No data available.

Serious eye damage/irritation

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

Product data:

No data available.

Substance data:

| Name | Result |
|------------------|--------------------------------|
| Edetate disodium | Causes serious eye irritation. |

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

| preparation date: 2025-04-02 | Page 9 |
|--|---|
| | |
| | |
| Respiratory or skin sensitizatio | |
| | ble data, the classification criteria are not met. |
| Product data: | |
| No data available. | |
| Substance data: No data ava | indbie. |
| Carcinogenicity | ble data the eleccification criteria are not mot |
| Product data: No data availal | ble data, the classification criteria are not met. |
| Substance data: No data availat | |
| | |
| Germ cell mutagenicity | esearch on Cancer (IARC): None of the ingredients are listed. |
| 0, | ble data, the classification criteria are not met. |
| Product data: No data availal | |
| Substance data: No data availat | |
| Reproductive Toxicity | |
| | ble data, the classification criteria are not met. |
| Product data: | ble data, the classification entend are not met. |
| No data available. | |
| Substance data: No data ava | illable. |
| Specific target organ toxicity (| |
| | ble data, the classification criteria are not met. |
| Product data: | |
| No data available. | |
| Substance data: | |
| Name | Result |
| 2-amino-2- (hydroxymethyl)propane-1,3- | May cause respiratory irritation. |
| diol | |
| | May cause respiratory irritation. |
| diol Edetate disodium | |
| diol Edetate disodium Specific target organ toxicity (| (repeated exposure) |
| diol Edetate disodium Specific target organ toxicity (Assessment: Based on availa | |
| diol Edetate disodium Specific target organ toxicity (| (repeated exposure) |
| diol Edetate disodium Specific target organ toxicity (Assessment: Based on availa Product data: | (repeated exposure) |
| diol Edetate disodium Specific target organ toxicity (Assessment: Based on availa Product data: No data available. | (repeated exposure) |

Aspiration toxicity

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

Product data:

No data available.

Substance data: No data available.

Endocrine disrupting properties:

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

Product data:

No data available.

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

Initial preparation date: 2025-04-02

CONN

Page 10 of 14

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics: Refer to Section 4 of this SDS.

11.2 Information on other hazards

Other information:

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met. **Product data:** No data available

Substance data:

| Name | Result |
|---|--|
| 2-amino-2- (hydroxymethyl)propane-1,3- diol | Aquatic Invertebrates EC50 Daphnia magna: >980 mg/L (48 hr [mobility]) |
| | Aquatic Plants EC50 Raphidocelis subcapitata: 473 mg/L (72 hr [growth rate]) |
| Edetate disodium | Fish LC50 Oncorhynchus mykiss: >100 mg/L (96 hr [Read-across substance data]) |
| | Aquatic Invertebrates EC50 Daphnia magna: >114 mg/L (48 hr [mobility, Read-across substance data]) |
| | Aquatic Plants EC50 Raphidocelis subcapitata: >60 mg/L (72 hr [growth rate, Read-across substance data]) |

Chronic (long-term) toxicity

Assessment: Based on available data, the classification criteria are not met. Product data: No data available

Substance data:

| Name | Result |
|---|--|
| 2-amino-2- (hydroxymethyl)propane-1,3- diol | Aquatic Plants NOEC Raphidocelis subcapitata: 100 mg/L (72 hr [growth rate]) |
| Edetate disodium | Fish NOEC Danio rerio: \geq 25.7 mg/L (35 d [survival, toxic signs (symptoms), abnormalities,, time to hatch and swim up, Read-across substance data]) |
| | Aquatic Invertebrates NOEC Daphnia magna: 25 mg/L (21 d [reproduction, Read-across substance data]) |

12.2 Persistence and degradability

Product data: No data available

Substance data:

| Name | Result |
|------|---|
| | The substance is readily biodegradable.100.7 % degradation in water, measured by O2 consumption, after 28 days. |

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

CONN

Page 11 of 14

| Name | Result |
|------|--|
| | The substance is inherently biodegradable. 23% degradation in water, measured by O2 consumption, after 28 days (Read-across substance data). |

12.3 Bioaccumulative potential

Product data: No data available

Substance data:

| Name | Result |
|---|--|
| 2-amino-2- (hydroxymethyl)propane-1,3- diol | The substance is not expected to bioaccumulate (log Pow: -2.31 at 20 $^{\circ}$ C). |
| Edetate disodium | The substance is not expected to bioaccumulate (BCF: ca. 1.8 dimensionless, basis : whole body w.w., species: Lepomis macrochirus and log Pow: -4.3 at 25 °C, Read-across substance data). |

12.4 Mobility in soil

Product data: No data available

Substance data:

| Name | Result |
|------------------|--|
| | The substance is mobile, therefore, there is low potential for adsorption to soil and sediment (log Koc: 1.54 - 1.87, QSAR substance data). |
| Edetate disodium | The substance is highly mobile, therefore, adsorption to soil and sediment is not expected (Koc: 3.35 L/kg at 22 °C, Read-across substance data) |

12.5 Persistent, bioaccumulative and toxic (PBT) or very persistent, very bioaccumulative (vPvB) properties

PBT Properties

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

Product data: No data available

Substance data:

| 2-amino-2- (hydroxymethyl)propane-1,3- diol | The substance is not PBT. |
|---|---------------------------|
| Edetate disodium | The substance is not PBT. |

vPvB Properties

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

Product data: No data available

Substance data:

| 2-amino-2- (hydroxymethyl)propane-1,3- diol | The substance is not vPvB. |
|---|----------------------------|
| Edetate disodium | The substance is not vPvB. |

12.6 Persistent, mobile and toxic (PMT) or very persistent, very mobile (vPvM) properties

PMT Properties

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

Product data: No data available

Substance data: No data available

vPvM Properties

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

| Initial preparation date: 2025-04-02 | Page 12 of 14 |
|--------------------------------------|---------------|
| CONN | |
| | |

Assessment: Based on available data, the classification criteria are not met. Product data: No data available Substance data: No data available

12.7 Endocrine disrupting properties

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

Product data:

No data available

Substance data: No data available

12.8 Other adverse effects: No data available.

12.9 Hazard to the ozone layer

Assessment: Based on available data, the classification criteria are not met. Product data: No data available Substance data: No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product / Packaging disposal:

Dispose of in accordance with all applicable local, regional, state and federal regulations.

Waste codes / waste designations according to LoW: Not determined or not available.

- **13.1.2 Waste treatment-relevant information:** Not determined or not available.
- 13.1.3 Sewage disposal-relevant information: Not determined or not available.
- **13.1.4 Other disposal recommendations:** It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14: Transport information

International Carriage of Dangerous Goods by Road/Rail (ADR/RID)

| UN number or ID number | Not regulated |
|-------------------------------|---------------|
| UN proper shipping name | Not regulated |
| UN transport hazard class(es) | None |
| Packing group | None |
| Environmental hazards | None |
| Special precautions for user | None |

International Carriage of Dangerous Goods by Inland Waterways (ADN)

| UN number or ID number | Not regulated |
|-------------------------------|---------------|
| UN proper shipping name | Not regulated |
| UN transport hazard class(es) | None |
| Packing group | None |
| Environmental hazards | None |
| Special precautions for user | None |

International Maritime Dangerous Goods (IMDG)

| UN number or ID number | Not regulated |
|-------------------------|---------------|
| UN proper shipping name | Not regulated |

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

Initial preparation date: 2025-04-02

Page 13 of 14

CONN

1 4 9 6 1 5 6 1 1 1

| UN transport hazard class(es) | None |
|-------------------------------|------|
| Packing group | None |
| Environmental hazards | None |
| Special precautions for user | None |

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

| UN number or ID number | Not regulated |
|-------------------------------|---------------|
| UN proper shipping name | Not regulated |
| UN transport hazard class(es) | None |
| Packing group | None |
| Environmental hazards | None |
| Special precautions for user | None |

Maritime Transport in Bulk according to IMO Instruments

| Bulk Name | None |
|---------------------------------|------|
| Ship type | None |
| Pollution category | None |
| IMO hazard class | None |
| Environmental hazards | None |
| Material hazardous only in bulk | None |
| Cargo Group | None |

SECTION 15: Regulatory information

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

Inventory listing (EINECS):

| 77-86-1 2-amino-2-(hydroxymethyl)propane-1,3-diol | | Listed |
|---|------------------|--------|
| 6381-92-6 | Edetate disodium | Not |
| | | Listed |

REACH SVHC candidate list: None of the ingredients are listed.

REACH SVHC Authorizations: None of the ingredients are listed.

REACH Restriction: None of the ingredients are listed.

Water hazard class (WGK) (Product): Not determined.

Water hazard class (WGK) (Substance):

| Ingredient Name | CAS | Class |
|---|-----------|--|
| 2-amino-2- (hydroxymethyl)propane-1, 3-diol | 77-86-1 | Water hazard class 1: slightly hazardous to water |
| Edetate disodium | 6381-92-6 | Water hazard class 2: obviously hazardous to water |

Other regulations

Germany TA Luft: None of the ingredients are listed.

Additional information: Not determined.

15.2 Chemical Safety Assessment

According to Regulation (EC) No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and (EC) No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878.

Initial preparation date: 2025-04-02

CONN

Page 14 of 14

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Abbreviations and Acronyms: None Summary of classification(s) in section 3:

| ······································ | | | |
|--|--|--|--|
| STOT SE 3 (RI) | Specific target organ toxicity - single exposure, category 3, respiratory tract irritation | | |
| Acute Tox. 4 (Inh) | Acute toxicity (inhalation), category 4 | | |
| STOT RE 2 | Specific target organ toxicity - repeated exposure, category 2 | | |
| Eye Irrit. 2 | Eye Irritation, category 2 | | |
| Aquatic Chronic 3 | Chronic aquatic hazard, category 3 | | |
| Summary of hazard statements in section 3: | | | |
| H335 | May cause respiratory irritation | | |
| H332 | Harmful if inhaled | | |
| H373 | May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard) | | |
| H319 | Causes serious eye irritation | | |
| H412 | Harmful to aquatic life with long lasting effects | | |
| | | | |

Disclaimer:

This product has been classified in accordance with EC No. 1272/2008 (CLP), as amended by Commission Regulation (EU) 2019/521 and Commission Delegated Regulation (EU) 2020/217, and Commission Delegated Regulation (EU) 2023/707, and EC No. 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation, and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

Initial preparation date: 2025-04-02

End of Safety Data Sheet