

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

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

### 1.1. Product Identifier

Anilyse-5

REF No.: Applies to all REF No. with this product name.

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

Relevant identified use

Laboratory reagents for in-vitro diagnostics only for veterinary use.

Uses advised against

No further relevant information available.

### 1.3. Details of the supplier of the safety data sheet

Dialab Produktion und Vertrieb von chemisch-technischen Produkten und Laborinstrumenten Gesellschaft m.b.H  
Hondastrasse, Objekt M55, IZ-NOE Sued, 2351 Wr. Neudorf, Austria

Phone / e-mail: +43 2236 660 910 0 / [office@dialab.at](mailto:office@dialab.at)

**Responsible person:**

[safety@dialab.at](mailto:safety@dialab.at)

### 1.4. Emergency telephone number

+43 1 406 43 43 (Gesundheit Österreich GmbH, 24 h)

## Section 2. Hazards identification

### 2.1. Classification of the substance or mixture

**Regulation (EC) 1272/2008 (CLP):**

Skin Sens. 1 H317 May cause an allergic skin reaction

Aquatic Chronic 3 — H412

Very toxic to aquatic life with long lasting effects.

### 2.2. Label elements

**Regulation (EC) 1272/2008 (CLP):**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

**Pictogram(s) and signal words:**



GHS07

**Signal word:**

Warning

**Hazard-determining components of labelling:**

2-methyl-4-isothiazolin-3-one

**Hazard statements:**

H317 May cause an allergic skin reaction.

H412 Very toxic to aquatic life with long lasting effects.

**Safety statements:**

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3. Other hazards

This mixture does not meet the criteria for classification as PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1907/2006.

The mixture does not contain substances identified as having endocrine disrupting properties in accordance with Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at concentrations  $\geq 0.1\%$ .

## Section 3. Composition / information on ingredients

### 3.1. Substances

This product is a mixture.

### 3.2. Mixtures

The product consists of the following hazardous components:

Dangerous components:		
CAS: 1119-94-4 Dodecyltrimethylammonium bromide	Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Acute Tox. 3 (H301) Aquatic Acute 1 (H400)	<2.5%
CAS:151-50-8 Potassium cyanide EINECS: 205-792-3 Index number: 006-007-00-5 RTECS: TS 8760000	Acute Tox. 2, H300; Acute Tox. 1, H310; Acute Tox. 2, H330; STOT RE 1, H372; Met. Corr.1, H290; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10), EUH032	<0.05%
CAS: 112-02-7 cetrimonium chloride EINECS: 203-928-6 Reg.nr.: 01-2119970558-23-XXXX	Acute Tox. 3, H311; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302	<0.25%
CAS No.: 2682-20-4 2-methyl-4-isothiazolin-3-one EINECS: 220-239-6 Index number: 613-326-00-9 Reg.nr.: 01-2120764690-50	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Chronic1, H410; Skin Sens. 1A, H317, EUH071	<0.05 %

The wording of the listed hazard warnings can be found in Section 16.

Substances that are on the "Candidate List of Substances of Very High Concern (SVHC) for authorization by the European Chemicals Agency (ECHA) are not intended to be part of this product. It is therefore not to be expected that these substances are contained in the product in quantities of  $> 0.1\%$ .

## Section 4. First aid measures

### 4.1. Description of first aid measures

#### Following inhalation:

Provide fresh air; consult a doctor in case of medical complaints.

#### Following skin contact:

Generally, the product does not irritate the skin.

#### Following eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

#### Following ingestion:

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

Do not induce vomiting; call for medical help immediately.

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

No further relevant information is available.

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

No further relevant information is available.

## **Section 5. Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media:**

Use fire extinguishing methods suitable to surrounding conditions.

#### **Unsuitable extinguishing media:**

No further relevant information is available.

### **5.2. Special hazards arising from the substance or mixture**

No further relevant information is available.

### **5.3. Advice for firefighters**

Protective equipment: No special measures required.

## **Section 6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Not required

### **6.2. Environmental precautions**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water.

Do not allow the product to enter sewers/ surface water or ground water

### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### **6.4. Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

## **Section 7. Handling and storage**

### **7.1. Precautions for safe handling**

No special precautions are necessary if used correctly.

Information about fire - and explosion protection: No special measures required.

### **7.2. Conditions for safe storage, including any incompatibilities**

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Protect from frost.

### **7.3. Specific end use(s):**

No further relevant information available.

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

## Section 8. Exposure controls/personal protection

### 8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:		
<b>CAS: 151-50-8 potassium cyanide (&lt;0.05%)</b>		
WEL (Great Britain)	Short-term value: 5 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup> Sk, as CN	
IOELV (EU)	Short-term value: 5 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup> Skin; as cyanide	
MAK (Switzerland)	Short-term value: 5e mg/m <sup>3</sup> Long-term value: 5e mg/m <sup>3</sup> H OI R2f SSc;	
<b>CAS: 2682-20-4 2-methyl-4-isothiazolin-3-one (&lt;0.05%)</b>		
MAK (Switzerland)	Short-term value: 0.4 e mg/m <sup>3</sup> Long-term value: 0.2 e mg/m <sup>3</sup> S SSc;	
<b>DNELs</b>		
<b>CAS: 2682-20-4 2-methyl-4-isothiazolin-3-one</b>		
Oral Inhalative	DNEL Public long-term systemic DNEL Public long-term local effects DNEL Worker acute/short term local effects	0.027 mg/kg bw/d 0.021 mg/m <sup>3</sup> 0.021 mg/m <sup>3</sup>
<b>PNECs</b>		
<b>CAS: 2682-20-4 2-methyl-4-isothiazolin-3-one</b>		
PNEC STP	0.23 mg/L	
PNEC aqua (fresh water)	0.00339 mg/L	
PNEC aqua (intermittent releases)	0.00339 mg/L	
PNEC aqua (marine water)	0.00339 mg/L	
PNEC soil	0.047 mg/kg	

### Additional information:

The most current valid lists have been used as a basis for the production of this document.

### 8.2. Exposure controls

#### Appropriate engineering controls

No further data; see section 7.

#### Individual protection measures, such as personal protective equipment

General protective and hygienic measures: Wash hands before breaks and at the end of work.

Respiratory protection: No special measures required.

Hand protection:



Protective gloves

Gloves material : Nitrile rubber, NBR

Eye/face protection Goggles recommended during refilling.

#### Environmental exposure controls

Not applicable.

## Section 9. Physical and chemical properties

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

## 9.1. Information on basic physical and chemical properties:

Parameter	Value / test method / remarks
Physical State	Liquid
Colour	Clear
Odour	Odourless
Melting point / freezing point	0 °C
Boiling point or initial boiling point and boiling range	100°C
Flammability	Not applicable.
Lower and upper explosion limit	Not determined.
Flash point	Not applicable
Auto-ignition temperature	Product is not self-igniting.
Decomposition temperature	Not determined.
pH	10.00+/-10%
Kinematic viscosity	Not determined.
Solubility in water / in other solvents	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure	23 Pa
Density and/or relative density	Not determined.
Relative vapour density	Not determined.
Particle characteristics	Not determined.

## 9.2. Other information

Information with regard to physical hazard classes:

Osmolarity : 40 +/-10%

Information with regard to physical hazard classes

- Explosives Not classified as hazardous
- Flammable gases Not classified as hazardous
- Aerosols Not classified as hazardous
- Oxidising gases Not classified as hazardous
- Gases under pressure Not classified as hazardous
- Flammable liquids Not classified as hazardous
- Flammable solids Not classified as hazardous
- Self-reactive substances and mixtures Not classified as hazardous
- Pyrophoric liquids Not classified as hazardous
- Pyrophoric solids Not classified as hazardous
- Self-heating substances and mixtures Not classified as hazardous
- Substances and mixtures, which emit flammable gases
- in contact with water Not classified as hazardous
- Oxidising liquids Not classified as hazardous
- Oxidising solids Not classified as hazardous
- Organic peroxides Not classified as hazardous
- Corrosive to metals Not classified as hazardous
- Desensitised explosives Not classified as hazardous

## Section 10. Stability and reactivity

### 10.1. Reactivity

No further relevant information available.

### 10.2. Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No further relevant information available.

### 10.5. Incompatible materials

No further relevant information available.

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

## 10.6. Hazardous decomposition products

No dangerous decomposition products known.

## Section 11. Toxicological information

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

Summaries of the information derived from the test conducted:

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

· <i>LD/LC50 values relevant for classification:</i>		
<b>CAS: 112-02-7 cetrimonium chloride</b>		
Oral	LD5	450 mg/kg (rat)
<b>CAS: 151-50-8 potassium cyanide</b>		
Oral	LD5	5,000 mg/kg (rat)

Primary irritant effect:

On the skin:

Causes skin irritation.

On the eyes:

Causes serious eye irritation.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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.

### 11.2. Information on other hazards

· <i>Endocrine disrupting properties</i>
<i>None of the ingredients is listed.</i>

## Section 12. Ecological information

### 12.1. Toxicity

Aquatic toxicity: No further relevant information available.

### 12.2. Persistence and degradability

No further relevant information available.

### 12.3. Bioaccumulative potential

No further relevant information available.

### 12.4. Mobility in soil

No further relevant information available.

### 12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

### 12.6. Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

### 12.7. Other adverse effects

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

No further relevant information available.

- Remark: Harmful to fish
- Additional ecological information:
- General notes:  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground. Harmful to aquatic organisms

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

Information regarding the disposal of the product:



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue**

HP14 Ecotoxic

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agents:** Water, if necessary together with cleansing agents

## Section 14. Transport information

### 14.1. UN number or ID number

ADR, ADN, IMDG, IATA: Not classified as hazardous for transport

### 14.2. UN proper shipping name

ADR, ADN, IMDG, IATA: Not classified as hazardous for transport

### 14.3. Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Not classified as hazardous for transport

### 14.4. Packing group

ADR, IMDG, IATA: Not classified as hazardous for transport

### 14.5. Environmental hazards

Not applicable.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## Section 15. Regulatory information

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

**EU regulations:**

This Safety Data Sheet has been prepared in accordance with:

Regulation (EC) No 1907/2006 (REACH), as amended

Regulation (EC) No 1272/2008 (CLP), as amended

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

Regulation (EU) 2020/878 (SDS requirements)

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS** (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

## 15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

## Section 16. Other information

### Reason of Change:

General Revision.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Classification in accordance with Delegated Regulation (EU) 2023/1435 of 2 May 2023 adapting to technical and scientific progress for the 20th time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008. Classification in accordance with Delegated Regulation (EU) 2024/197 of 19 October 2023 adapting to technical and scientific progress for the 21st time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008.

Classification in accordance with Delegated Regulation (EU) 2024/2564 of 19 June 2024 adapting to technical and scientific progress for the 22nd time GB CLP and amending Annex VI part 3 of Regulation (EC) 1272/2008. This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2023/707.

### Hazard statements mentioned in Sections 2 and 3:

#### Directive (EC) 127/2008:

· **Classification according to Regulation (EC) No 1272/2008**

Skin sensitisation  
Hazardous to the aquatic environment - long-term  
(chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

H290	May be corrosive to metals.
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
	Causes serious eye irritation.
H319	Fatal if inhaled.
H330	Causes damage to organs through prolonged or repeated exposure.
H372	Very toxic to aquatic life.

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026

H400 H410	Very toxic to aquatic life with long lasting effects
EUH032 EUH071	Contact with acids liberates very toxic gas. Corrosive to the respiratory tract.

## · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS:

European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds) DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent,

Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very

Bioaccumulative Met. Corr. 1:

Corrosive to metals – Category 1

Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 3: Acute toxicity

– Category 3 Acute Tox. 4:

Acute toxicity – Category 4

Acute Tox. 1: Acute toxicity

– Category 1

Skin Corr. 1B: Skin corrosion/irritation –

Category 1B Skin Corr. 1C: Skin

corrosion/irritation – Category 1C Skin

Irrit. 2: Skin corrosion/irritation –

Category 2

Eye Dam. 1: Serious eye damage/eye

irritation – Category 1 Eye Irrit. 2: Serious

eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category

1

Skin Sens. 1A: Skin sensitisation – Category 1A

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic

hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic

environment - long-term aquatic hazard – Category 1 Aquatic Chronic 3:

Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

# Safety Data Sheet

According to Regulation (EU) No. 1907/2006 (REACH)

Product Name: Anilyse-5

Version: 02

Date: February 26, 2026



---

Dialab GmbH provides the information in this data sheet in good faith, declaring it is up to date at time of revision. However, this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.