

Safety Data Sheet

According to Regulation (EG) Nr. 1907/2006

Revision Date: 24.03.2023

Version: 002

replaced Version: 18.05.2022

AESKUCARE® Product line

Product identifierProduct name: **AESKUCARE®**

Product number: 82xxxx, 83xxxx, 86xxxx

<i>Article Name</i>	<i>Symbol</i>	<i>Appendix</i>
Testing Cassette	DEVICE	(1)
Sample blocking dilutor	DILB	(2)
Washing solution	WASH	(3)
Antibody solution 1A	Ab1A, Ab1G4 , Ab1	(4)
Antibody solution 2	Ab2	(5)
Color reagent	COLR	(6)
Stop buffer	STOP	(7)

Always read the intended use before using the test kit. General terms and conditions apply.

The information contained herein is based on the present state of our knowledge and should be used as a guide. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.

Commission Regulation (EU) 2020/878 of June 18, 2020, amends Annex II to Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH).

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Changes to the prior version:

Summary of product groups and new creation according to REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2020/878.

Appendix 1 - 7

Safety Data Sheets for single components

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

1.1. Product identifier

Trade name/designation:

AESKUCARE® test cassette

Article No.:

82xxxx, 83xxxx, 86xxxx

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

Use of the substance/mixture:

AESKUCARE®

This assay and its reagents are not for veterinary use. The reagents should not be used for any purpose other than the intended purpose.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

AESKU.DIAGNOSTICS GmbH & Co.KG

Mikroforumring 2

55234 Wendelsheim

Germany

Telephone: +49 6734 - 9622-0

Telefax: +49 6734 - 9622-2222

E-mail: info@aesku.com

Website: www.aesku.com

E-mail (competent person): info@aesku.com

1.4. Emergency telephone number

AESKU.DIAGNOSTICS, +49 6734 - 9622-0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse environmental effects:

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Other adverse effects:

The mixture contains material of human or animal origin and is therefore classified as potentially infectious.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

No data available

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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.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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. Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

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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).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Further information on storage conditions:

Recommended storage temperature: 2-8°C

7.3. Specific end use(s)

Recommendation:

Item 1.2 and the instructions for use must be observed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

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 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.

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: solid

Colour: white

Odour: not determined

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn. not relevant

10.2. Chemical stability

Recommended storage temperature: 2-8°C

10.3. Possibility of hazardous reactions

No data available

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10.4. Conditions to avoid

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable).

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

Further information

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable)

SECTION 11: Toxicological information

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

Acute oral toxicity:

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

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:

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

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

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

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12.6. Endocrine disrupting properties

No data available

12.7. 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

18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
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Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

13.2. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 14: Transport information

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

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

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16.2. Abbreviations and acronyms

°C centigrade

ABEK Gases and vapors from organic compounds with a boiling point >65°C (A), inorganic gases and vapors, except carbon monoxide (B), sulfur dioxide and other acidic gases and vapors (E) and ammonia and organic ammonia derivatives (K)

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

AwSV Ordinance on systems for handling water-polluting substances

CO carbon monoxide

CO₂ carbon dioxide

EC/EU European Community/European Union

EN European standard

IATA International Air Transport Association

IBC bulk packaging (Intermediate Bulk Container)

IgA Immunoglobuline A

IgG Immunoglobulin G

IgM Immunoglobuline M

IMDG International Maritime Code for Dangerous Goods

IVD in vitro diagnostics

MARPOL International Convention for the Prevention of Marine Pollution

NIOSH National Institute for Occupational Safety and Health

PBT Persistent (P), Bioaccumulative (B), Toxic (T)

RID Regulations for the International Carriage of Dangerous Goods by Rail (Règlement concernant le transport international ferroviaire de marchandises Dangereuse)

UN United Nations

vPvB very Persistent (vP), very Bioaccumulative (vB)

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]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

No data available

16.6. Training advice

No data available

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16.7. Additional information

The information is based on the current state of our knowledge. You shall ours Describe products with regard to safety requirements, but do not represent them Assurance of product properties and do not constitute a contractual legal relationship. Copyright ©: Aesku.Diagnostics GmbH & Co. KG, copies may only be used for internal purposes be made.

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

1.1. Product identifier

Trade name/designation:

AESKUCARE® sample diluent

Other means of identification:

DILUT

Article No.:

82xxxx, 83xxxx, 86xxxx

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

Use of the substance/mixture:

AESKUCARE®

This assay and its reagents are not for veterinary use. The reagents should not be used for any purpose other than the intended purpose.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

AESKU.DIAGNOSTICS GmbH & Co.KG

Mikroforumring 2

55234 Wendelsheim

Germany

Telephone: +49 6734 - 9622-0

Telefax: +49 6734 - 9622-2222

E-mail: info@aesku.com

Website: www.aesku.com

E-mail (competent person): info@aesku.com

1.4. Emergency telephone number

AESKU.DIAGNOSTICS, +49 6734 - 9622-0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse environmental effects:

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Other adverse effects:

The mixture contains material of human or animal origin and is therefore classified as potentially infectious.

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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.: 7647-01-0 EC No.: 231-595-7 Index No.: 017-002-01-X	hydrogen chloride STOT SE 3 (H335), Skin Corr. 1B (H314) Danger Specific concentration limit (SCL) Skin Corr. 1B; H314: $C \geq 25\%$ Skin Irrit. 2; H315: $10\% \leq C < 25\%$ Eye Dam. 1; H318: $C \geq 25\%$ Eye Irrit. 2; H319: $10\% \leq C < 25\%$ STOT SE 3; H335: $C \geq 10\%$	0 - $\leq$ 0.1 weight-%
CAS No.: 26628-22-8 EC No.: 247-852-1	sodium azide Acute Tox. 2 (H300), Aquatic Chronic 1 (H410) Danger	0 - $\leq$ 0.05 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.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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.

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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. Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

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).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Further information on storage conditions:

Recommended storage temperature: 2-8°C

7.3. Specific end use(s)

Recommendation:

Item 1.2 and the instructions for use must be observed.

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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
TRGS 900 (DE)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 2 ppm (3 mg/m ³) ② 4 ppm (6 mg/m ³) ⑤ (Chlorwasserstoff) DFG, EU, Y
ES	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (7.6 mg/m ³) ② 10 ppm (15 mg/m ³) ⑤ VLI
IOELV (EU)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (8 mg/m ³) ② 10 ppm (15 mg/m ³) ⑤ (Hydrogen chloride)
VRC (FR)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	② 5 ppm (7.6 mg/m ³) ⑤ (chlorure d'hydrogène)
WEL (GB)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 1 ppm (2 mg/m ³) ② 5 ppm (8 mg/m ³) ⑤ (gas and aerosol mists)
GR from 1 Oct 2016	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (7 mg/m ³) ② 5 ppm (7 mg/m ³) ⑤ (υδροχλώριο)
IDLH (US) from 1 Jan 1994	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 50 ppm
OSHA (US)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 5 ppm (7 mg/m ³)
NIOSH (US)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 5 ppm (7 mg/m ³)
ACGIH (US) from 1 Mar 2014	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 2 ppm (2.98 mg/m ³) ⑤ (A4)
WEL (GB)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
ES	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (puede ser absorbido a través dérmica) vía dérmica, VLI
VRC (FR) from 3 May 2021	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (peut être absorbé par la peau)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.29 mg/m ³ ⑤ (as Sodium azide)

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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
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.1 ppm ⑤ (as HN ₃ ; may be absorbed through the skin)
GR from 1 Oct 2016	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 ppm (0.3 mg/m ³) ② 0.1 ppm (0.3 mg/m ³)
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.3 mg/m ³ ⑤ (as NaN ₃ ; may be absorbed through the skin)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.11 ppm ⑤ (as Hydrazoic acid vapour)
IOELV (EU)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.2 mg/m ³ ② 0.4 mg/m ³ ⑤ (einatembare Fraktion) DFG, EU

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

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 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.

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: transparent

Odour: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	6.7 – 6.9	21 °C	
Melting point	not determined		
Freezing point	not determined		

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Parameter	Value	at °C	① Method ② 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	not determined		
Relative density	not determined		
Bulk density	not determined		
Water solubility	not determined		
Partition coefficient: n-octanol/water	not determined		
Dynamic viscosity	not determined		
Kinematic viscosity	not determined		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn. not relevant

10.2. Chemical stability

Recommended storage temperature: 2-8°C

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable).

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

Further information

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable)

SECTION 11: Toxicological information

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

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7

LC₅₀ Acute inhalation toxicity (vapour): >5,010 mg/L (Rabbit)

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LD₅₀ oral: 27 mg/kg (Rat)

LD₅₀ dermal: 20 mg/kg (Rabbit)

LC₅₀ Acute inhalation toxicity (dust/mist): >0.054 - <0.52 mg/L 4 h (Rat)

Acute oral toxicity:

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

Acute dermal toxicity:

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

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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:

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

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

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7

LC ₅₀ : 250 mg/L 2 d

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LC ₅₀ : 2.75 mg/L 4 d (Regenbogenforelle)
--

LC ₅₀ : 2.8 mg/L 4 d (fish)
--

EC ₅₀ : 0.35 mg/L 4 d (Algae/water plant)
--

EC ₅₀ : 0.35 mg/L 4 d (Algae/water plant)
--

EC ₅₀ : 79.3 mg/L (Algae/water plant, Mikroorganismen)

NOEC: 0.244 mg/L (Algae/water plant, Mikroorganismen)

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7

Results of PBT and vPvB assessment: —

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
--

12.6. Endocrine disrupting properties

No data available

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12.7. 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

18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
----------	---

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

13.2. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 14: Transport information

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

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

Revision according to REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2020/878

16.2. Abbreviations and acronyms

°C centigrade

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ABEK Gases and vapors from organic compounds with a boiling point $>65^{\circ}\text{C}$ (A), inorganic gases and vapors, except carbon monoxide (B), sulfur dioxide and other acidic gases and vapors (E) and ammonia and organic ammonia derivatives (K)

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

AwSV Ordinance on systems for handling water-polluting substances

CO carbon monoxide

CO₂ carbon dioxide

EC/EU European Community/European Union

EN European standard

IATA International Air Transport Association

IBC bulk packaging (Intermediate Bulk Container)

IgA Immunoglobuline A

IgG Immunoglobulin G

IgM Immunoglobuline M

IMDG International Maritime Code for Dangerous Goods

IVD in vitro diagnostics

MARPOL International Convention for the Prevention of Marine Pollution

NIOSH National Institute for Occupational Safety and Health

PBT Persistent (P), Bioaccumulative (B), Toxic (T)

RID Regulations for the International Carriage of Dangerous Goods by Rail (Règlement concernant le transport international ferroviaire de marchandises Dangereuse)

UN United Nations

vPvB very Persistent (vP), very Bioaccumulative (vB)

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]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

Hazard statements	
H300	Fatal if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

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AESKUCARE® sample diluent

Hazard statements

H410	Very toxic to aquatic life with long lasting effects.
------	---

16.6. Training advice

No data available

16.7. Additional information

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AESKUCARE® WASH

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

1.1. Product identifier

Trade name/designation:

AESKUCARE® WASH

Other means of identification:

WASH

Article No.:

82xxxx, 83xxx, 86xxxx

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

Use of the substance/mixture:

AESKUCARE®

This assay and its reagents are not for veterinary use. The reagents should not be used for any purpose other than the intended purpose.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

AESKU.DIAGNOSTICS GmbH & Co.KG

Mikroforumring 2

55234 Wendelsheim

Germany

Telephone: +49 6734 - 9622-0

Telefax: +49 6734 - 9622-2222

E-mail: info@aesku.com

Website: www.aesku.com

E-mail (competent person): info@aesku.com

1.4. Emergency telephone number

AESKU.DIAGNOSTICS, +49 6734 - 9622-0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse human health effects and symptoms:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Adverse environmental effects:

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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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.: 26628-22-8 EC No.: 247-852-1 Index No.: 011-004-00-7	sodium azide Acute Tox. 2 (H310, H300), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), STOT RE 2 (H373) Danger	0 - ≤ 0.1 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.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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. Avoid breathing dust/fume/gas/mist/vapours/spray.

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

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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.

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).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Further information on storage conditions:

Recommended storage temperature: 2-8°C

7.3. Specific end use(s)

Recommendation:

Item 1.2 and the instructions for use must be observed.

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
WEL (GB)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
ES	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (puede ser absorbido a través dérmica) vía dérmica, VLI
VRC (FR) from 3 May 2021	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (peut être absorbé par la peau)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.29 mg/m ³ ⑤ (as Sodium azide)

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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
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.1 ppm ⑤ (as HN ₃ ; may be absorbed through the skin)
GR from 1 Oct 2016	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 ppm (0.3 mg/m ³) ② 0.1 ppm (0.3 mg/m ³)
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.3 mg/m ³ ⑤ (as NaN ₃ ; may be absorbed through the skin)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.11 ppm ⑤ (as Hydrazoic acid vapour)
IOELV (EU)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.2 mg/m ³ ② 0.4 mg/m ³ ⑤ (einatembare Fraktion) DFG, EU

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

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 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.

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: clear

Odour: odourless

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	7.4 – 7.6	21 °C	① pH Meter
Melting point	not determined		
Freezing point	not determined		

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Parameter	Value	at °C	① Method ② 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	not determined		
Relative density	not determined		
Bulk density	not determined		
Water solubility	not determined		
Partition coefficient: n-octanol/water	not determined		
Dynamic viscosity	not determined		
Kinematic viscosity	not determined		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn. not relevant

10.2. Chemical stability

Recommended storage temperature: 2-8°C

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable).

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

Further information

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable)

SECTION 11: Toxicological information

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

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LD₅₀ oral: 27 mg/kg (Rat)

LD₅₀ dermal: 20 mg/kg (Rabbit)

LC₅₀ Acute inhalation toxicity (dust/mist): >0.054 - <0.52 mg/L 4 h (Rat)

Acute oral toxicity:

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

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.

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Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

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

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LC₅₀: 2.75 mg/L 4 d (Regenbogenforelle)

LC₅₀: 2.8 mg/L 4 d (fish)

EC₅₀: 0.35 mg/L 4 d (Algae/water plant)

EC₅₀: 0.35 mg/L 4 d (Algae/water plant)

EC₅₀: 79.3 mg/L (Algae/water plant, Mikroorganismen)

NOEC: 0.244 mg/L (Algae/water plant, Mikroorganismen)

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

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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

18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
----------	---

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

13.2. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 14: Transport information

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

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

Revision according to REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2020/878

16.2. Abbreviations and acronyms

°C centigrade

ABEK Gases and vapors from organic compounds with a boiling point >65°C (A), inorganic gases and vapors, except carbon monoxide (B), sulfur dioxide and other acidic gases and vapors (E) and ammonia and organic ammonia derivatives (K)

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

AwSV Ordinance on systems for handling water-polluting substances

CO carbon monoxide

CO₂ carbon dioxide

EC/EU European Community/European Union

EN European standard

IATA International Air Transport Association

IBC bulk packaging (Intermediate Bulk Container)

IgA Immunoglobuline A

IgG Immunoglobulin G

IgM Immunoglobuline M

IMDG International Maritime Code for Dangerous Goods

IVD in vitro diagnostics

MARPOL International Convention for the Prevention of Marine Pollution

NIOSH National Institute for Occupational Safety and Health

PBT Persistent (P), Bioaccumulative (B), Toxic (T)

RID Regulations for the International Carriage of Dangerous Goods by Rail (Règlement concernant le transport international ferroviaire de marchandises Dangereuse)

UN United Nations

vPvB very Persistent (vP), very Bioaccumulative (vB)

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]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

Hazard statements	
H300	Fatal if swallowed.
H310	Fatal in contact with skin.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

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16.7. Additional information

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AESKUCARE® antibody solution 1

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

1.1. Product identifier

Trade name/designation:

AESKUCARE® antibody solution 1

Other means of identification:

Ab1, Ab1G4, Ab1A

Article No.:

82xxxx, 83xxxx, 86xxxx

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

Use of the substance/mixture:

AESKUCARE®

This assay and its reagents are not for veterinary use. The reagents should not be used for any purpose other than the intended purpose.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

AESKU.DIAGNOSTICS GmbH & Co.KG

Mikroforumring 2

55234 Wendelsheim

Germany

Telephone: +49 6734 - 9622-0

Telefax: +49 6734 - 9622-2222

E-mail: info@aesku.com

Website: www.aesku.com

E-mail (competent person): info@aesku.com

1.4. Emergency telephone number

AESKU.DIAGNOSTICS, +49 6734 - 9622-0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information

EUH208

Contains ProClin ® 300. May produce an allergic reaction.

Precautionary statements: none

2.3. Other hazards

Adverse environmental effects:

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Other adverse effects:

The mixture contains material of human or animal origin and is therefore classified as potentially infectious.

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AESKUCARE® antibody solution 1

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
	ProClin® 300 Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Skin Corr. 1C (H314), Skin Sens. 1 (H317) Danger	0 - ≤ 0.1 weight-%
CAS No.: 7647-01-0 EC No.: 231-595-7 Index No.: 017-002-01-X	hydrogen chloride STOT SE 3 (H335), Skin Corr. 1B (H314) Danger Specific concentration limit (SCL) Skin Corr. 1B; H314: C ≥ 25% Skin Irrit. 2; H315: 10% ≤ C < 25% Eye Dam. 1; H318: C ≥ 25% Eye Irrit. 2; H319: 10% ≤ C < 25% STOT SE 3; H335: C ≥ 10%	0 - ≤ 0.1 weight-%
CAS No.: 26628-22-8 EC No.: 247-852-1	sodium azide Acute Tox. 2 (H300), Aquatic Chronic 1 (H410) Danger	0 - < 0.05 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.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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.

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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. Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

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).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Further information on storage conditions:

Recommended storage temperature: 2-8°C

7.3. Specific end use(s)

Recommendation:

Item 1.2 and the instructions for use must be observed.

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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
TRGS 900 (DE)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 2 ppm (3 mg/m ³) ② 4 ppm (6 mg/m ³) ⑤ (Chlorwasserstoff) DFG, EU, Y
MAK (AT)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	② 10 ppm (15 mg/m ³) ⑤ (Chlorwasserstoff; max. 8x5 min./Schicht, Momentanwert)
MAK (AT)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (8 mg/m ³) ⑤ (Chlorwasserstoff)
ES	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (7.6 mg/m ³) ② 10 ppm (15 mg/m ³) ⑤ VLI
IOELV (EU)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (8 mg/m ³) ② 10 ppm (15 mg/m ³) ⑤ (Hydrogen chloride)
VRC (FR)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	② 5 ppm (7.6 mg/m ³) ⑤ (chlorure d'hydrogène)
WEL (GB)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 1 ppm (2 mg/m ³) ② 5 ppm (8 mg/m ³) ⑤ (gas and aerosol mists)
CN from 1 Jan 2007	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 7.5 mg/m ³
GR from 1 Oct 2016	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (7 mg/m ³) ② 5 ppm (7 mg/m ³) ⑤ (υδροχλώριο)
IDLH (US) from 1 Jan 1994	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 50 ppm
OSHA (US)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 5 ppm (7 mg/m ³)
NIOSH (US)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 5 ppm (7 mg/m ³)
ACGIH (US) from 1 Mar 2014	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 2 ppm (2.98 mg/m ³) ⑤ (A4)
WEL (GB)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
MAK (AT)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ⑤ (kann über die Haut aufgenommen werden) H

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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
MAK (AT)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	② 0.3 mg/m ³ ⑤ (max. 4x15 min./Schicht, kann über die Haut aufgenommen werden) H
ES	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (puede ser absorbido a través dérmica) vía dérmica, VLI
VRC (FR) from 3 May 2021	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (peut être absorbé par la peau)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.29 mg/m ³ ⑤ (as Sodium azide)
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.1 ppm ⑤ (as HN ₃ ; may be absorbed through the skin)
CN from 1 Jan 2007	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.3 mg/m ³
GR from 1 Oct 2016	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 ppm (0.3 mg/m ³) ② 0.1 ppm (0.3 mg/m ³)
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.3 mg/m ³ ⑤ (as NaN ₃ ; may be absorbed through the skin)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.11 ppm ⑤ (as Hydrazoic acid vapour)
IOELV (EU)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.2 mg/m ³ ② 0.4 mg/m ³ ⑤ (eintembare Fraktion) DFG, EU

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

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 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.

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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: transparent

Odour: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	6.7 - 6.9	21 °C	
Melting point	not determined		
Freezing point	not determined		
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	not determined		
Relative density	not determined		
Bulk density	not determined		
Water solubility	not determined		
Partition coefficient: n-octanol/water	not determined		
Dynamic viscosity	not determined		
Kinematic viscosity	not determined		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn. not relevant

10.2. Chemical stability

Recommended storage temperature: 2-8°C

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable).

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

Further information

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable)

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SECTION 11: Toxicological information

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

ProClin ® 300

LD₅₀ oral: 862 mg/kg (Ratte)

LD₅₀ dermal: 2,800 mg/kg (Kaninchen)

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7

LC₅₀ Acute inhalation toxicity (vapour): >5,010 mg/L (Rabbit)

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LD₅₀ oral: 27 mg/kg (Rat)

LD₅₀ dermal: 20 mg/kg (Rabbit)

LC₅₀ Acute inhalation toxicity (dust/mist): >0.054 - <0.52 mg/L 4 h (Rat)

Acute oral toxicity:

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

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:

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

Respiratory or skin sensitisation:

Contains ProClin ® 300. May produce an allergic reaction.

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

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7

LC₅₀: 250 mg/L 2 d

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sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LC₅₀: 2.75 mg/L 4 d (Regenbogenforelle)

LC₅₀: 2.8 mg/L 4 d (fish)

EC₅₀: 0.35 mg/L 4 d (Algae/water plant)

EC₅₀: 0.35 mg/L 4 d (Algae/water plant)

EC₅₀: 79.3 mg/L (Algae/water plant, Mikroorganismen)

NOEC: 0.244 mg/L (Algae/water plant, Mikroorganismen)

12.2. Persistence and degradability

ProClin® 300

Biodegradation: Poorly biodegradable.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

ProClin® 300

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7

Results of PBT and vPvB assessment: —

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

No data available

12.7. 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

18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
----------	---

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

13.2. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
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.

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

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

Revision according to REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2020/878

16.2. Abbreviations and acronyms

°C centigrade

ABEK Gases and vapors from organic compounds with a boiling point >65°C (A), inorganic gases and vapors, except carbon monoxide (B), sulfur dioxide and other acidic gases and vapors (E) and ammonia and organic ammonia derivatives (K)

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

AwSV Ordinance on systems for handling water-polluting substances

CO carbon monoxide

CO₂ carbon dioxide

EC/EU European Community/European Union

EN European standard

IATA International Air Transport Association

IBC bulk packaging (Intermediate Bulk Container)

IgA Immunoglobuline A

IgG Immunoglobulin G

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IgM Immunoglobuline M

IMDG International Maritime Code for Dangerous Goods

IVD in vitro diagnostics

MARPOL International Convention for the Prevention of Marine Pollution

NIOSH National Institute for Occupational Safety and Health

PBT Persistent (P), Bioaccumulative (B), Toxic (T)

RID Regulations for the International Carriage of Dangerous Goods by Rail (Règlement concernant le transport international ferroviaire de marchandises Dangereuse)

UN United Nations

vPvB very Persistent (vP), very Bioaccumulative (vB)

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]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

Hazard statements	
H300	Fatal if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

The information is based on the current state of our knowledge. You shall ours Describe products with regard to safety requirements, but do not represent them Assurance of product properties and do not constitute a contractual legal relationship. Copyright ©: Aesku.Diagnostics GmbH & Co. KG, copies may only be used for internal purposes be made.

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

1.1. Product identifier

Trade name/designation:

AESKUCARE® antibody solution 2

Other means of identification:

Ab2

Article No.:

82xxxx, 83xxxx, 86xxxx

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

Use of the substance/mixture:

AESKUCARE®

This assay and its reagents are not for veterinary use. The reagents should not be used for any purpose other than the intended purpose.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

AESKU.DIAGNOSTICS GmbH & Co.KG

Mikroforumring 2

55234 Wendelsheim

Germany

Telephone: +49 6734 - 9622-0

Telefax: +49 6734 - 9622-2222

E-mail: info@aesku.com

Website: www.aesku.com

E-mail (competent person): info@aesku.com

1.4. Emergency telephone number

AESKU.DIAGNOSTICS, +49 6734 - 9622-0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse environmental effects:

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Other adverse effects:

The mixture contains material of human or animal origin and is therefore classified as potentially infectious.

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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.: 7647-01-0 EC No.: 231-595-7 Index No.: 017-002-01-X	hydrogen chloride STOT SE 3 (H335), Skin Corr. 1B (H314) Danger Specific concentration limit (SCL) Skin Corr. 1B; H314: $C \geq 25\%$ Skin Irrit. 2; H315: $10\% \leq C < 25\%$ Eye Dam. 1; H318: $C \geq 25\%$ Eye Irrit. 2; H319: $10\% \leq C < 25\%$ STOT SE 3; H335: $C \geq 10\%$	0 - $\leq$ 0.1 weight-%
CAS No.: 26628-22-8 EC No.: 247-852-1	sodium azide Acute Tox. 2 (H300), Aquatic Chronic 1 (H410) Danger	0 - $<$ 0.05 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.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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.

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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. Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

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).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Further information on storage conditions:

Recommended storage temperature: 2-8°C

7.3. Specific end use(s)

Recommendation:

Item 1.2 and the instructions for use must be observed.

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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
TRGS 900 (DE)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 2 ppm (3 mg/m ³) ② 4 ppm (6 mg/m ³) ⑤ (Chlorwasserstoff) DFG, EU, Y
ES	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (7.6 mg/m ³) ② 10 ppm (15 mg/m ³) ⑤ VLI
IOELV (EU)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (8 mg/m ³) ② 10 ppm (15 mg/m ³) ⑤ (Hydrogen chloride)
VRC (FR)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	② 5 ppm (7.6 mg/m ³) ⑤ (chlorure d'hydrogène)
WEL (GB)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 1 ppm (2 mg/m ³) ② 5 ppm (8 mg/m ³) ⑤ (gas and aerosol mists)
GR from 1 Oct 2016	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 5 ppm (7 mg/m ³) ② 5 ppm (7 mg/m ³) ⑤ (υδροχλώριο)
IDLH (US) from 1 Jan 1994	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	① 50 ppm
OSHA (US)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 5 ppm (7 mg/m ³)
NIOSH (US)	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 5 ppm (7 mg/m ³)
ACGIH (US) from 1 Mar 2014	hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7	③ 2 ppm (2.98 mg/m ³) ⑤ (A4)
WEL (GB)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
ES	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (puede ser absorbido a través dérmica) vía dérmica, VLI
VRC (FR) from 3 May 2021	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (peut être absorbé par la peau)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.29 mg/m ³ ⑤ (as Sodium azide)

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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
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.1 ppm ⑤ (as HN ₃ ; may be absorbed through the skin)
GR from 1 Oct 2016	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 ppm (0.3 mg/m ³) ② 0.1 ppm (0.3 mg/m ³)
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.3 mg/m ³ ⑤ (as NaN ₃ ; may be absorbed through the skin)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.11 ppm ⑤ (as Hydrazoic acid vapour)
IOELV (EU)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.2 mg/m ³ ② 0.4 mg/m ³ ⑤ (einatembare Fraktion) DFG, EU

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

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 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.

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: transparent

Odour: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	6.7 – 6.9	21 °C	
Melting point	not determined		
Freezing point	not determined		

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Parameter	Value	at °C	① Method ② 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	not determined		
Relative density	not determined		
Bulk density	not determined		
Water solubility	not determined		
Partition coefficient: n-octanol/water	not determined		
Dynamic viscosity	not determined		
Kinematic viscosity	not determined		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn. not relevant

10.2. Chemical stability

Recommended storage temperature: 2-8°C

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable).

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

Further information

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable)

SECTION 11: Toxicological information

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

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7
LC₅₀ Acute inhalation toxicity (vapour): >5,010 mg/L (Rabbit)
sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1
LD₅₀ oral: 27 mg/kg (Rat)
LD₅₀ dermal: 20 mg/kg (Rabbit)
LC₅₀ Acute inhalation toxicity (dust/mist): >0.054 - <0.52 mg/L 4 h (Rat)

Acute oral toxicity:

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

Acute dermal toxicity:

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

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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:

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

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

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7

LC ₅₀ : 250 mg/L 2 d

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LC ₅₀ : 2.75 mg/L 4 d (Regenbogenforelle)
--

LC ₅₀ : 2.8 mg/L 4 d (fish)
--

EC ₅₀ : 0.35 mg/L 4 d (Algae/water plant)
--

EC ₅₀ : 0.35 mg/L 4 d (Algae/water plant)
--

EC ₅₀ : 79.3 mg/L (Algae/water plant, Mikroorganismen)

NOEC: 0.244 mg/L (Algae/water plant, Mikroorganismen)

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

hydrogen chloride CAS No.: 7647-01-0 EC No.: 231-595-7

Results of PBT and vPvB assessment: —

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
--

12.6. Endocrine disrupting properties

No data available

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12.7. 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

18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
----------	---

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

13.2. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 14: Transport information

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

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

Revision according to REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2020/878

16.2. Abbreviations and acronyms

°C centigrade

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ABEK Gases and vapors from organic compounds with a boiling point $>65^{\circ}\text{C}$ (A), inorganic gases and vapors, except carbon monoxide (B), sulfur dioxide and other acidic gases and vapors (E) and ammonia and organic ammonia derivatives (K)

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

AwSV Ordinance on systems for handling water-polluting substances

CO carbon monoxide

CO₂ carbon dioxide

EC/EU European Community/European Union

EN European standard

IATA International Air Transport Association

IBC bulk packaging (Intermediate Bulk Container)

IgA Immunoglobuline A

IgG Immunoglobulin G

IgM Immunoglobuline M

IMDG International Maritime Code for Dangerous Goods

IVD in vitro diagnostics

MARPOL International Convention for the Prevention of Marine Pollution

NIOSH National Institute for Occupational Safety and Health

PBT Persistent (P), Bioaccumulative (B), Toxic (T)

RID Regulations for the International Carriage of Dangerous Goods by Rail (Règlement concernant le transport international ferroviaire de marchandises Dangereuse)

UN United Nations

vPvB very Persistent (vP), very Bioaccumulative (vB)

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]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

Hazard statements	
H300	Fatal if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

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Hazard statements

H410	Very toxic to aquatic life with long lasting effects.
------	---

16.6. Training advice

No data available

16.7. Additional information

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AESKUCARE® color reagent

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

1.1. Product identifier

Trade name/designation:

AESKUCARE® color reagent

Other means of identification:

COLR

Article No.:

82xxxx, 83xxxx, 86xxxx

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

Use of the substance/mixture:

AESKUCARE®

This assay and its reagents are not for veterinary use. The reagents should not be used for any purpose other than the intended purpose.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

AESKU.DIAGNOSTICS GmbH & Co.KG

Mikroforumring 2

55234 Wendelsheim

Germany

Telephone: +49 6734 - 9622-0

Telefax: +49 6734 - 9622-2222

E-mail: info@aesku.com

Website: www.aesku.com

E-mail (competent person): info@aesku.com

1.4. Emergency telephone number

AESKU.DIAGNOSTICS, +49 6734 - 9622-0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse environmental effects:

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Other adverse effects:

The mixture contains material of human or animal origin and is therefore classified as potentially infectious.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

No data available

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.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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. Avoid breathing dust/fume/gas/mist/vapours/spray.

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).

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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.

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).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Further information on storage conditions:

Recommended storage temperature: 2-8°C

7.3. Specific end use(s)

Recommendation:

Item 1.2 and the instructions for use must be observed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

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 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.

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: not determined

Odour: not determined

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn. not relevant

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10.2. Chemical stability

Recommended storage temperature: 2-8°C

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable).

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

Further information

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable)

SECTION 11: Toxicological information

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

Acute oral toxicity:

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

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:

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

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

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

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12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Endocrine disrupting properties

No data available

12.7. 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

18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
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Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

13.2. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 14: Transport information

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

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

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SECTION 16: Other information

16.1. Indication of changes

Revision according to REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2020/878

16.2. Abbreviations and acronyms

°C centigrade

ABEK Gases and vapors from organic compounds with a boiling point >65°C (A), inorganic gases and vapors, except carbon monoxide (B), sulfur dioxide and other acidic gases and vapors (E) and ammonia and organic ammonia derivatives (K)

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

AWSV Ordinance on systems for handling water-polluting substances

CO carbon monoxide

CO₂ carbon dioxide

EC/EU European Community/European Union

EN European standard

IATA International Air Transport Association

IBC bulk packaging (Intermediate Bulk Container)

IgA Immunoglobuline A

IgG Immunoglobulin G

IgM Immunoglobuline M

IMDG International Maritime Code for Dangerous Goods

IVD in vitro diagnostics

MARPOL International Convention for the Prevention of Marine Pollution

NIOSH National Institute for Occupational Safety and Health

PBT Persistent (P), Bioaccumulative (B), Toxic (T)

RID Regulations for the International Carriage of Dangerous Goods by Rail (Règlement concernant le transport international ferroviaire de marchandises Dangereuse)

UN United Nations

vPvB very Persistent (vP), very Bioaccumulative (vB)

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]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

No data available

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16.6. Training advice

No data available

16.7. Additional information

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AESKUCARE® stop solution

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

1.1. Product identifier

Trade name/designation:

AESKUCARE® stop solution

Other means of identification:

STOP

Article No.:

82xxxx, 83xxxx, 86xxxx

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

Use of the substance/mixture:

AESKUCARE®

This assay and its reagents are not for veterinary use. The reagents should not be used for any purpose other than the intended purpose.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

AESKU.DIAGNOSTICS GmbH & Co.KG

Mikroforumring 2

55234 Wendelsheim

Germany

Telephone: +49 6734 - 9622-0

Telefax: +49 6734 - 9622-2222

E-mail: info@aesku.com

Website: www.aesku.com

E-mail (competent person): info@aesku.com

1.4. Emergency telephone number

AESKU.DIAGNOSTICS, +49 6734 - 9622-0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse environmental effects:

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

Other adverse effects:

The mixture contains material of human or animal origin and is therefore classified as potentially infectious.

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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.: 26628-22-8 EC No.: 247-852-1	sodium azide Acute Tox. 2 (H300), Aquatic Chronic 1 (H410)   Danger	0 - < 0.05 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.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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. Avoid breathing dust/fume/gas/mist/vapours/spray.

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

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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.

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).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

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

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Further information on storage conditions:

Recommended storage temperature: 2-8°C

7.3. Specific end use(s)

Recommendation:

Item 1.2 and the instructions for use must be observed.

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
WEL (GB)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
ES	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (puede ser absorbido a través dérmica) vía dérmica, VLI
VRC (FR) from 3 May 2021	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (peut être absorbé par la peau)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.29 mg/m ³ ⑤ (as Sodium azide)

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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
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.1 ppm ⑤ (as HN ₃ ; may be absorbed through the skin)
GR from 1 Oct 2016	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 ppm (0.3 mg/m ³) ② 0.1 ppm (0.3 mg/m ³)
NIOSH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.3 mg/m ³ ⑤ (as NaN ₃ ; may be absorbed through the skin)
ACGIH (US)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	③ 0.11 ppm ⑤ (as Hydrazoic acid vapour)
IOELV (EU)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.1 mg/m ³ ② 0.3 mg/m ³ ⑤ (may be absorbed through the skin)
TRGS 900 (DE)	sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1	① 0.2 mg/m ³ ② 0.4 mg/m ³ ⑤ (einatembare Fraktion) DFG, EU

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

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 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.

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: transparent

Odour: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	6.7 – 6.9	21 °C	
Melting point	not determined		
Freezing point	not determined		

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Parameter	Value	at °C	① Method ② 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	not determined		
Relative density	not determined		
Bulk density	not determined		
Water solubility	not determined		
Partition coefficient: n-octanol/water	not determined		
Dynamic viscosity	not determined		
Kinematic viscosity	not determined		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn. not relevant

10.2. Chemical stability

Recommended storage temperature: 2-8°C

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable).

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

Further information

Light, heat, moisture (no dangerous reaction follows, the product becomes unusable)

SECTION 11: Toxicological information

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

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LD₅₀ oral: 27 mg/kg (Rat)

LD₅₀ dermal: 20 mg/kg (Rabbit)

LC₅₀ Acute inhalation toxicity (dust/mist): >0.054 - <0.52 mg/L 4 h (Rat)

Acute oral toxicity:

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

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.

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Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

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

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

LC₅₀: 2.75 mg/L 4 d (Regenbogenforelle)

LC₅₀: 2.8 mg/L 4 d (fish)

EC₅₀: 0.35 mg/L 4 d (Algae/water plant)

EC₅₀: 0.35 mg/L 4 d (Algae/water plant)

EC₅₀: 79.3 mg/L (Algae/water plant, Mikroorganismen)

NOEC: 0.244 mg/L (Algae/water plant, Mikroorganismen)

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

sodium azide CAS No.: 26628-22-8 EC No.: 247-852-1

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

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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

18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
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Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

13.2. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 14: Transport information

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

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

Revision according to REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2020/878

16.2. Abbreviations and acronyms

°C centigrade

ABEK Gases and vapors from organic compounds with a boiling point >65°C (A), inorganic gases and vapors, except carbon monoxide (B), sulfur dioxide and other acidic gases and vapors (E) and ammonia and organic ammonia derivatives (K)

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

AwSV Ordinance on systems for handling water-polluting substances

CO carbon monoxide

CO₂ carbon dioxide

EC/EU European Community/European Union

EN European standard

IATA International Air Transport Association

IBC bulk packaging (Intermediate Bulk Container)

IgA Immunoglobuline A

IgG Immunoglobulin G

IgM Immunoglobuline M

IMDG International Maritime Code for Dangerous Goods

IVD in vitro diagnostics

MARPOL International Convention for the Prevention of Marine Pollution

NIOSH National Institute for Occupational Safety and Health

PBT Persistent (P), Bioaccumulative (B), Toxic (T)

RID Regulations for the International Carriage of Dangerous Goods by Rail (Règlement concernant le transport international ferroviaire de marchandises Dangereuse)

UN United Nations

vPvB very Persistent (vP), very Bioaccumulative (vB)

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]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

Hazard statements	
H300	Fatal if swallowed.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

The information is based on the current state of our knowledge. You shall ours Describe products with regard to safety requirements, but do not represent them Assurance of product properties and do not constitute a contractual legal relationship. Copyright ©: Aesku.Diagnostics GmbH & Co. KG, copies may only be used for internal purposes be made.