



CYNOR LABORATORY

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MATERIAL SAFETY DATA SHEET

Product Name	ACES BUFFER [N-(2-acetamido)-2-aminoethane sulphonic acid]
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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : ACES BUFFER

Product code : A0005

Identification of the product: ACES BUFFER [N-(2-acetamido)-2-aminoethane sulphonic acid]

CAS No : 7365-82-4

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

againstUse: Industrial. For professional use only.

1.3 Details of the supplier of the safety data sheet

Company identification: CYNOR

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2. Hazards identification -DSD

2.1 Classification of the substance or mixture

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

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label element

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to displayExtra classification(s) to display

No labelling applicable

2.3 Other hazards

No additional information available

3. Composition/information on ingredients

Substance / Preparation: ACES BUFFER

CAS No :7365-82-4

Substance.

Contains no other components or impurities which will influence the classification of the product.

4. First aid measures

4.1 Description of first aid measures

First-aid measures after inhalation : Assure fresh air breathing.

First-aid measures after skin contact : Wash with plenty of soap and water.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do.

Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

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First-aid measures after ingestion : Rinse mouth out with water.

4.2 Most important symptoms and effects, both acute and delayed

No additional information available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water spray.

Unsuitable extinguishing media : Dry chemical powder.

5.2 Specific hazards arising from the substance or mixture

No additional information available

5.3 Advice for fire-fighters

No additional information available

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For emergency responders:

Protective equipment: Use personal protective equipment as required.

Emergency procedures: Stop release.

For non-emergency personnel:

Emergency procedure: Do not breathe vapours.

6.2 Environmental precautions

Do not allow to enter drains or water courses.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Large spills: scoop solid spill into closing containers.

6.4 Reference to other sections

No additional information available

7. Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling : Do not breathe dust.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a dry place. Keep container tightly closed.

7.3 Specific end use(s)

No additional information available

8. Exposure controls/personal protection

8.1 Control parameter

No additional information available

8.2 Exposure control

Hand protection : protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear appropriate mask

9. Physical and chemical properties

9.1Information on basic physical and chemical properties

Physical state: Liquid.

Odour: No data available.

Odour threshold: No data available.

pH value: 3.0-4.5

Relative evaporation rate (butylacetate=1): No data available

Melting point [°C]: > 220 °C

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Decomposition point [°C]: No data available

Auto-ignition temperature [°C]: No data available

Flammability (solid, gas): No data available

Vapour pressure: No data available

Relative pressure density at 20°C: No data available

Relative density: No data available

Solubility: Water: 18.22 g/l at 20 °C

Log pow: No data available

Viscosity, kinematic: No data available

Viscosity , dynamic: No data available

Explosive properties: No data available

Oxidising properties: No data available

Explosive limits: No data available

9.2Other information

No additional information available

10.Stability and reactivity

10.1Reactivity

No additional information available

10.2Chemical stability

Stable under normal conditions.

10.3Possibility of hazardous reactions

No additional information available

10.4Conditions to avoid

Direct sunlight. Moisture.

10.5Incompatible materials

No additional information available

10.6Hazardous decomposition products

No additional information available



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11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

pH: 3.0 - 4.5

Serious eye damage/irritation : Not classified

pH: 3.0 - 4.5

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

12. Ecological information

12.1 Toxicity

No additional information available

12.2 Persistence – degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

No additional information available

13. Disposal considerations

13.1 Waste treatment methods

No additional information available

14. Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No.(IATA) : Not applicable

UN-No.(ADN) : Not applicable

UN-No. (RID) : Not applicable

14.2UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable



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Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

14.3 Transport hazard class(es)

ADR : Transport hazard class(es) (ADR) : Not applicable

IMDG: Transport hazard class(es) (IMDG) : Not applicable

IATA: Transport hazard class(es) (IATA) : Not applicable

ADN : Transport hazard class(es) (ADN) : Not applicable

RID: Transport hazard class(es) (RID) : Not applicable

14.4 Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5 Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6 Special precautions for user

Overland transport-No data available

Transport by sea-No data available

Air transport-No data available

Inland waterway transport-No data available

Rail transport-No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory information

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

15.1.1 EU-Regulations

No REACH Annex XVII restrictions

ACES BUFFER is not on the REACH Candidate List ACES

BUFFER is not on the REACH Annex XIV List

15.1.2 National regulations

Germany

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV

: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

15.2 Chemical safety assessment

No additional information available

16. Other information

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.vPvB:
very persistent and very bioaccumulative

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE
EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on



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classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Further information : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation(CE) N° 1272/2008

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End of document

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