

**MATERIAL SAFETY DATA SHEET**

<b>Product Name</b>	<b>b-ALANINE FOR BIOCHEMISTRY</b>
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**1. Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

**Trade name :** b-ALANINE FOR BIOCHEMISTRY

**Product code :** A0094

**Identification of the product:** b-ALANINE FOR BIOCHEMISTRY

**CAS No :** 107-95-9

**1.2 Relevant identified uses of the substance or mixture and uses advised against**  
**Use:** Industrial. For professional use only.

**1.3 Details of the supplier of the safety data sheet**

**Company identification:** CYNOR

National industry, Pipodra GIDC, Surat-394110, Gujarat, India.

**Email: cynorlaboratories@gmail.com Mobile No.: +91 8799070507**

**2. Hazards identification -DSD**

**2.1 Classification of the substance or mixture**

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

**Skin corrosion/irritation,**

**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 display**  
**Extra classification(s) to display**

No labelling applicable

**2.3 Other hazards**

No additional information available

**3. Composition/information on ingredients**

**Substance / Preparation:**  $\beta$ -ALANINE FOR BIOCHEMISTRY

**CAS-No. :** 107-95-9

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 : Remove person to fresh air and keep comfortable for breathing.

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

First-aid measures after eye contact : Rinse immediately with plenty of water.

First-aid measures after ingestion : Rinse mouth.

**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 : Foam. Dry powder. Carbon dioxide. Water spray.

Unsuitable extinguishing media : Do not use extinguishing media containing water.

**5.2 Specific hazards arising from the substance or mixture**

No additional information available

**5.3 Advice for fire-fighters**

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection

**6. Accidental release measures**

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

**For emergency responders:**

Protective equipment: Use personal protective equipment as required.

**For non-emergency personnel:**

Emergency procedure: Evacuate unnecessary personnel

**6.2 Environmental precautions**

Avoid release to the environment

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible

On land, sweep or shovel into suitable containers. Minimize generation of dust.

**6.4 Reference to other sections**

No additional information available

**7. Handling and storage**

**7.1 Precautions for safe handling**

Precautions for safe handling : Avoid contact with skin and eyes. Avoid dust formation.

Provide good ventilation in process area to prevent formation of vapour.

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

Storage conditions: Store in well ventilated 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**

### **9.1 Information on basic physical and chemical properties**

**Odour:** No data available.

**Odour threshold:** No data available.

**pH value:** 6-7.5

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

**Melting point [°C]:** 202 °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

**Density:** 1.437 g/cm<sup>3</sup>

**Solubility:** Water soluble

**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

### **9.2 Other information**

No additional information available

## **10. Stability and reactivity**

### **10.1 Reactivity**

No additional information available

### **10.2 Chemical stability**

Stable under normal conditions.

### **10.3 Possibility of hazardous reactions**

No additional information available

### **10.4 Conditions to avoid**

Direct sunlight. Moisture.

### **10.5 Incompatible materials**

No additional information available

### **10.6 Hazardous decomposition products**

No additional information available

## **11. Toxicological information**

### **11.1 Information on toxicological effects**

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

pH: 6-7.5

Serious eye damage/irritation : Not classified

pH: 6-7.5

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

### **14.1 UN 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

### **14.2 UN proper shipping name**

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

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

**14.4Packing 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

**14.5Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

**14.6Special 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

**14.7Transport 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

β-ALANINE FOR BIOCHEMISTRY is not on the REACH Candidate List

β-ALANINE FOR BIOCHEMISTRY 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. BImSchV (Hazardous Incident Ordinance)

**Netherlands**

SZW-lijst van kankerverwekkende stoffen : β-ALANINE FOR BIOCHEMISTRY is listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

**15.2 Chemical safety assessment**

No additional information available



## CYNOR LABORATORY

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### **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 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.

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#### **End of document**

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