

SAFETY DATA SHEET

According to Regulation 1907/2006/CE

Doc. N° 401100 rev.3
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name : **Azide Blood Agar Base**
Product Number : **401100**

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

Identified uses : Powdered culture medium for microbiology

1.3 Details of the supplier of the safety data sheet

Company : Biolife Italiana S.r.l.
Viale Monza 272, 20128 Milano Italia
Tel : 0039 02 252091
Fax: 0039 02 2576428
E-mail: mktg@biolifeitaliana.it

1.4 Emergency telephone number

Emergency Phone : 0039 02-6610-1029 (Centro Antiveneni Niguarda Ca'
Granda- Milano)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Harmful if swallowed (Category 4)
Chronic aquatic toxicity (Category 3)
For the full text of the H-Statements mentioned in this
Section, see Section 16.

2.2 Label elements

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

Pictogram



Signal word	Warning
Hazard statement(s)	
H302	Harmful if swallowed.
H412	Harmful to aquatic life with long lasting effects.
Precautionary statement(s)	
P273	Avoid release to the environment.
Supplemental Hazard Statements	EUH032: contact with acids liberates very toxic gas.

2.3 Other hazards – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Biolife Italiana S.r.l., Viale Monza 272, 20128 Milan, Italy. Tel. n° ++39 02 25209.1, Fax n° ++39 02 2576428
E-mail: mktg@biolifeitaliana.it; Web Site: www.biolifeitaliana.it

Component	Classification	Concentration
Sodium azide		
CAS-No	26628-22-8	Acute Tox. 2; Aquatic Acute 1; Aquatic Chronic 1; H300, H410, EUH032
CE-No	247-852-1	
INDEX-No	011-004-00-7	
		0,25 – 1 %

For the full text of the H-Statements mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x), Hydrogen chloride gas, Sodium oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

7.3 Specific end uses

No data available apart from the uses mentioned in section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No	Value	Control parameters	Base
Sodium azide	26628-22-8	TWA	0,1 mg/m ³	Indicative occupational exposure limit values to Chemical Agents
	Observations	The 'Skin' notation attributed to the exposure limit values indicates the possibility of significant uptake through the skin		
		STEL	0,3 mg/m ³	Indicative occupational exposure limit values to Chemical Agents
		The 'Skin' notation attributed to the exposure limit values indicates the possibility of significant uptake through the skin		
		TWA	0,1 mg/m ³	Directive 2000/39/EC Commission; first list of indicative limit values
		Indicates the possibility of significant uptake through the skin. Indicative		
		STEL	0,3 mg/m ³	Directive 2000/39/EC Commission; first list of indicative limit values
		Indicates the possibility of significant uptake through the skin. Indicative		

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

a) Appearance	powder
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	7.0 – 7.4 at 25°C
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity no data available

10.2 Chemical stability no data available

10.3 Possibility of hazardous reactions no data available

10.4 Conditions to avoid no data available

10.5 Incompatible materials Heavy metals may form extremely explosive azides.

10.6 Hazardous decomposition products no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity no data available

Skin corrosion/irritation no data available

Serious eye damage/eye irritation no data available

Respiratory or skin sensitization no data available

Germ cell mutagenicity no data available

Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity no data available

Specific target organ toxicity - single exposure
no data available

Specific target organ toxicity - repeated exposure
no data available

Aspiration hazard no data available

Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion Harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes May cause eye irritation.

Signs and Symptoms of Exposure To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information RTECS: Not available

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

12.6 Other adverse effects Harmful to aquatic life with long lasting effects

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Product	Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 UN number	ADR/RID: - IMDG: - IATA: -
14.2 UN proper shipping name	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
14.3 Transport hazard class(es)	ADR/RID: - IMDG: - IATA: -
14.4 Packaging group	ADR/RID: - IMDG: - IATA: -
14.5 Environmental hazards	ADR/RID: no IMDG Marine pollutant: no IATA: no
14.6 Special precautions for user	no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

16. OTHER INFORMATION**Text of H-code(s) mentioned in Section 3**

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
EUH032	Contact with acids liberates very toxic gas.
H300	Fatal if swallowed.
H410	Very toxic to aquatic life with long lasting effects.

Further information

Restrictions for use No data available

Training advice No data available

References No data available

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