

MATERIAL SAFETY DATA SHEET

According to EC Directive 1907/2006
Revision Date: 08.11.12 MS-50012 V02



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade Name : Ampicillin Solution
Catalogue Number : BIO-87025 10ml

Gentaur Molecular Products
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1910 Kampenhout, BELGIUM

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2. HAZARD IDENTIFICATION

Product name
Ampicillin Sodium
Salt

Directive 1999/45/EC
SENSITISING



R42/43 – May cause sensitisation by inhalation and skin contact

GHS Directive 1272/2008/EC
DANGER



H334 – Resp. Sens. 1A/1B
H317 – Skin Sens. 1A/1B

According to Regulation (EC) No1272/2008
Skin Sensitivity (Category 1A/1B)
Respiratory Sensitivity (Category 1A/1B)

According to European Directive 67/548/EEC as amended.
Xn – Sensitising. May cause sensitisation by inhalation and skin contact.

Label elements

Pictogram



Signal word

Danger

Hazard statement(s)

H317
H334

May cause an allergic skin reaction
May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statement(s)

P261S
P280sh
P302+352
P342+311

Avoid breathing dust
Wear protective gloves/eye protection
IF ON SKIN: Wash with plenty of soap and water
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Hazard symbol(s)

Xn

Sensitising

R-phrases(s)

R42/43

May cause sensitisation by inhalation and skin contact

S-phrases(s)

S22-26-36/37
S36/37
S45

Do not breathe dust
Wear suitable protective clothing and gloves
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Other hazards

none

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture of hazardous substances listed below with non-hazardous additions.

Chemical name	CAS-No.	EC-No.	Concentration	Classification
Ampicillin Sodium Salt	69-52-3	200-708-1	10%	H317; H334; R42/43

4. FIRST AID MEASURES

After Inhalation

Remove to fresh air. Keep airways free.

After Swallowing

Drink lots of water after ingestion.

After Contact with Eyes

Rinse eyes with running water with eyelids open. Tilt the head to prevent chemical transferring to uncontaminated eye.

After Contact with Skin

Remove contaminated clothing. Rinse the affected skin or mucous membrane thoroughly under running water. Use soap if possible.

Note to Physician

No additional recommendations

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Unusual Fire Hazard

Carbon oxides, nitrogen oxides (NO_x), sulphur oxides, sodium oxides.

Fire Fighting Protective Measures

Wear full protective clothing to prevent contact with the skin and eyes.

Wear self-contained breathing equipment to prevent inhalation of explosive or combustion gases. Fight fire from a safe distance and a protected location due to the potential of hazardous vapours and decomposition products.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure ventilation is adequate. Only to be used by trained staff.

Refer to section 8 for personal protection equipment recommendations.

Environmental Precautions

Do not allow the product to enter the drains.

Clean-up Measures

Prevent the spread of any spill in order to minimise harm to human health and the environment if it is safe to do so. Use a liquid-binding material (e.g. sand, sawdust, diatomite etc.) to absorb the spillage. Place in closed containers for disposal. Ventilate area well after clean-up procedures have taken place.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Avoid formation and aerosols. In accordance with the instructions that come with the product. Use good laboratory handling procedures.

Storage

Packaging allows safe storage. Refer to section 12 for further details.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures

Local exhaust ventilation or other engineering controls are normally required when handling this product to avoid overexposure.

Ingredients with Limit Values

No limits available.

Personal Protection

Respiratory Protection: Only if additional recommendations in test instruction or packing insert.

Eye Protection: An eye wash station must be available where this product is used. Wear chemically resistant, tightly fitting safety goggles or glasses with side-shields, according to EN 166.

Skin Protection: Prevent all contact with this product. Protective gloves, apron, face and further skin protection should be used depending on conditions of use, according to EN 374. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment thoroughly after each use.

Hygiene Practices: Avoid contact with skin or eyes. Do not place in mouth. Do not eat, drink or smoke when handling this product. Upon completion of the use of this product, dispose of protective gloves safely and wash hands thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

	Colour	Odour	Appearance	Sol. In water
Ampicillin Sodium Salt	Colourless	Odourless	Liquid	100%

10. STABILITY AND REACTIVITY

Stability

In original packaging all reagents are safety and separated stored. Decompositions are not observed during the expiration period under recommended conditions.

Reactivity

Hazardous decomposition products – Carbon oxides, nitrogen oxides(NO_x), sulphur oxides, sodium oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

	Ampicillin Sodium Salt 69-52-3
LD50 _{ori rat}	> 5314 mg/kg
Carcinogenicity	This product contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.
IARC	3- Group 3: Not classifiable as to its carcinogenicity to human (Sodium [2S-[2 α ,5 α ,6 β (S*)]]-6-(aminophenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylat)

Data on other components is either not available or not required.

12. ECOLOGICAL INFORMATION

Data on components is either not available or not required.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Must be disposed of according to all local official regulations.

Packaging Disposal

Unclean packaging should be disposed of according to all local official regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous by any transport regulations, air, sea or land.

15. REGULATORY INFORMATION

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

Label elements

Pictogram



Signal word

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16. OTHER INFORMATION

The information provided in this Material Safety Data Sheet (MSDS) is accurate to the best of our present knowledge. However, this shall not constitute a guarantee for any specific product features. All substances and preparations may present unknown hazards and should be used with caution. Bioline shall not be held liable for any damage resulting from the handling of or from contact with the above product. The information supplied in this MSDS shall not establish a legally valid contractual relationship.

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