

**1. Identification of the substance/preparation and of the company/undertaking***Identification of the product*

Catalogue No.: 101890

Product name: Ammonium bismuth citrate for microbiology

*Manufacturer/supplier identification*

Company: Merck KGaA \* 64271 Darmstadt \* Germany \* Tel: +49 6151 72-2440

Emergency telephone No.: Please contact the regional Merck representation in your country.

**2. Composition/information on ingredients***Synonyms*

Bismuth ammonium citrate

**3. Hazards identification**

No hazardous product as specified in Directive 67/548/EEC.

**4. First aid measures****5. Fire-fighting measures**

Suitable extinguishing media: not tested

Special risks:

**6. Accidental release measures**

Procedures for cleaning / absorption:

Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

**7. Handling and storage***Handling:*

No further requirements.

*Storage:*

Tightly closed. Dry.

**8. Exposure controls/personal protection**

## Merck Safety Data Sheet

According to EC Directive  
91/155/EEC

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### *Personal protective equipment:*

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection: required when dusts are generated.

Eye protection: required

Hand protection: Use recommended

Industrial hygiene:

Change contaminated clothing. Wash hands after working with substance.

## 9. Physical and chemical properties

Form:

Colour:

Odour:

pH value not available

Melting point not available

Boiling point not available

Ignition temperature not available

Flash point not available

Explosion limits lower not available  
upper not available

Density not available

Solubility in Water not available

## 10. Stability and reactivity

### *Conditions to be avoided*

no information available

### *Substances to be avoided*

no information available

### *Hazardous decomposition products*

no information available

## 11. Toxicological information

## 12. Ecological information

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**13. Disposal considerations***Product:*

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

*Packaging:*

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

**14. Transport information**

Not subject to transport regulations.

**15. Regulatory information***Labelling according to EC Directives*

Symbol: ---  
R-phrases: ---  
S-phrases: ---

**16. Other information***Reason for alteration*

General update.

*Regional representation:*

This information is given on the authorised Safety Data Sheet for your country.

*The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.*