



SAFETY DATA SHEET

AMES MPF™ Mutagenicity Assays

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Processing date Jan. 2010

1. IDENTIFICATION OF THE TEST KIT AND THE COMPANY

Product information

Product Name: Ames MPF™ Mutagenicity Assays (all versions for *S. typhimurium* and *E. coli*).
For Positive Controls: see separate MSDS
Intended use: For research use only, not for diagnostic purposes
Company: Xenometrix AG
Gewerbestrasse 25
CH-4123 Allschwil, Switzerland
Telephone: +41 61 482 14 34
Telefax: +41 61 482 20 72

2. CHEMICAL CHARACTERISATION

Components

Growth Medium:

Contains no hazardous substances in concentrations to be declared
Contains peptone. Origin: bovine milk

Exposure Medium:

Contains no hazardous substances in concentrations to be declared

Indicator Medium:

Contains no hazardous substances in concentrations to be declared

Ampicillin:

Ingredients: 5% Ampicillin; CAS-No. 69-52-3

3. HAZARDS IDENTIFICATION

Media:

No hazards known

Ampicillin:

Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact.

4. FIRST AID MEASURES (applies to Ampicillin only)

Skin contact: Wash skin immediately with plenty of water.
Eye contact: Rinse immediately with plenty of water and seek medical advice.
Ingestion: Wash out mouth with water and seek medical advice.
Inhalation: Remove to fresh air. If breathing becomes difficult, seek medical advice.
Instructions for physician: Symptomatic treatment by a physician.



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5. FIRE-FIGHTING MEASURES (applies to Ampicillin only)

Extinguishing media: water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special risks: Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES (applies to Ampicillin only)

Actions to be taken on spillage: Smaller quantities can be washed off with plenty of water.

Absorbent material: No restriction.

Actions to be taken to limit damage: Special measures to limit damage are not necessary.

7. HANDLING AND STORAGE

Handling: (Applies to Ampicillin only) Avoid inhalation, avoid contacts with eyes, skin and clothing. Avoid prolonged or repeated exposure.

Storage: Ampicillin: -20 °C.
10X Exposure Medium Solutions A and B: 4 °C
Growth Medium, Indicator Medium: Room temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (applies to Ampicillin only)

Personal protective equipment

Respiratory protection: Not required.

Eye protection: Safety glasses

Hand protection: Protective gloves

Hygiene measures: Wash hands before breaks and at the end of workday."

9. PHYSICAL AND CHEMICAL PROPERTIES

All kit ingredients:

Form: liquid

Miscibility with water: completely miscible

10. STABILITY AND REACTIVITY

Hazardous reactions: none under normal use

Hazardous decomposition products: only in small concentrations



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11. TOXICOLOGICAL INFORMATION

Ampicillin:

This product contains low levels of ampicillin which is irritating to eyes, respiratory system and skin, and may cause sensitization by inhalation and skin contact.

Growth Medium, 10X Exposure Medium Solutions A and B, Indicator Medium:

Not available or not relevant for concentrations used in product

12. ECOLOGICAL INFORMATION

Water hazard class: Not hazardous

13. DISPOSAL CONSIDERATIONS

Waste disposal route: Small quantities may be disposed off in waste water.

Disposal of empty packaging: Dispose of empty packs via local recycling or waste disposal routes- if necessary, clean them beforehand.

14. TRANSPORT INFORMATION

Is not subject to current regulations for transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO)

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