

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

Identification of the product

Catalogue No.: 110729

Product name: THAYER-MARTIN supplement 1 (VCT inhibitor combination) for microbiology (5 vials for 1 litre of THAYER-MARTIN agar)

Manufacturer/supplier identification

Company: Merck KGaA * 64271 Darmstadt * Germany * Tel: +49 6151 72-0

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

2. Composition/information on ingredients

Preparation contains inorganic and organic compounds.

Hazardous ingredients:

Name according to EC Directives:

| CAS-No. | EC No. | EC-Index-No. | Labelling according to EC Directives | Content: |
|-------------|-----------|--------------|--------------------------------------|--------------|
| citric acid | | | | |
| 77-92-9 | 201-069-1 | | Xi R 36 | ≥ 1 - < 10 % |

3. Hazards identification

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

4. First aid measures

After inhalation: fresh air. Summon doctor if necessary.

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water with the eyelid held wide open. Summon eye specialist if necessary.

After swallowing: make victim drink plenty of water, induce vomiting, summon doctor.

5. Fire-fighting measures

Suitable extinguishing media:

Water, CO₂, foam, powder.

Special risks:

Combustible.

Other information:

Prevent fire-fighting water from entering surface water or groundwater.

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6. Accidental release measures

Person-related precautionary measures:
Avoid substance contact. Avoid generation of dusts; do not inhale dusts.

Environmental-protection measures:
Do not allow to enter sewerage system.

Procedures for cleaning / absorption:
Take up dry. Forward for disposal. Clean up affected area.

7. Handling and storage

Handling:

No further requirements.

Storage:

Tightly closed. Dry. Cool (+2°C to +8°C).

8. Exposure controls/personal protection

Specific control parameter

German regulations

MAK Germany (max. workplace conc.)

| | |
|-------|--|
| Name | Citric acid |
| Value | see MAK-List - Substances for which, as yet, no MAK Value can be Established |

Personal protective equipment:

Respiratory protection: required when dusts are generated.

Eye protection: required

Hand protection: required

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.

Industrial hygiene:

Change contaminated clothing. Wash hands after working with substance.

9. Physical and chemical properties

Form: solid

Colour: white

Odour: odourless

pH value
at 1 g/l H₂O (20 °C) neutral

Melting point not available

Boiling point not available

Ignition temperature not available

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| | | |
|---------------------|---------|---------------|
| Flash point | | not available |
| Explosion limits | lower | not available |
| | upper | not available |
| Density | | not available |
| Solubility in water | (20 °C) | 1.0 g/l |

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

Acute toxicity

Quantitative data on the toxicity of this product are not available.

Further toxicological information

Hazardous properties cannot be excluded.

Further data

The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Ecotoxic effects:

Quantitative data on the ecological effect of this product are not available.

Further ecologic data:

Do not allow to enter waters, waste water, or soil!

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.

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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

Change in constituent data.

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.