



Safety Data Sheet

according to EU Directive 2001/58/EC

Issue Date: 2004-08-25

Replaces Version: 2002-02-04

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Catalogue number: TN1209
Product name: Palcam-Agar (Base)
Palcam Agar acc. to van Netten
Dehydrated culture medium for the production of microbiological culture media

Manufacturer/supplier: SIFIN Institut für Immunpräparate und Nährmedien GmbH Berlin
Berliner Allee 317-321
D-13088 Berlin Germany
Phone.: +49 (0) 30 927030-0
Fax: +49 (0) 30 927030-30

2. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical characterisation of the product:
Dehydrated culture medium

Dangerous components:

Description:	CAS-No. / EC-No.:	Classification:	Content (% by weight):
Lithium chloride	7447-41-8 / 231-212-3	Xn; R 22-36/38	20-23

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.

4. FIRST AID MEASURES

Skin contact: Wash with copious amounts of water.

Eye splashes: Rinse the eyes with clear running water with the eyelids open. If irritation persists, seek medical advice.

Inhalation: Supply fresh air.

Ingestion: Rinse mouth and drink copious amounts of water. In case of indisposition, seek medical advice.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Select according to surrounding materials.

Special hazards: The product does not represent a fire hazard, but is flammable.

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6. SPILLAGE / ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid skin and eye contact. See heading 8: personal protective equipment.

Cleaning methods:

Collect spilled product dry. Remove for disposal. Clean area afterwards.

7. HANDLING AND STORAGE

Handling: No special measures necessary.

Storage: Dry, tightly closed, at 10...25°C.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

General protective and hygiene measures:

The usual safety rules and precautionary measures for handling chemicals must be adhered to. Protective work clothing must be worn. During weighing, a dust mask or a good suction dust remover is recommended. Avoid contact with food, beverages and animal feed.

Personal protective equipment:

Respiratory protection: Not necessary, dust protection recommended.

Hand protection: Disposable laboratory gloves.

Eye protection: Safety goggles when appropriate.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical state: Powder
Colour: Reddish
Odour: Specific
pH-value: Neutral (for the finished product, see preparation information)
Boiling point: Not applicable
Flash point: Not available

Flammable limits: Lower ~ Not available
Upper ~ Not available

Vapour density: Not available

Specific gravity: Not available

10. STABILITY AND REACTIVITY

Conditions to be avoided: Strong heating

Substances to be avoided: No information available

Hazardous decomposition products: No information available

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11. TOXICOLOGICAL INFORMATION

Toxicological data for the product are not available.

The following hazards are associated with this product:

Irritating to eyes and skin.

The toxicological classification of this product is based on calculations made according to the EU Dangerous Preparations Directive (1999/45/EC).

Additional toxicological information:

If handled appropriately, the product is not likely to present special hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Quantitative data regarding ecological effects of this product are not available.

Additional harmful effects:

If handled and used appropriately, ecological problems are not expected to occur.

13. DISPOSAL CONSIDERATIONS

Product:

There are no uniform regulations concerning disposal of chemicals or unused materials in the EU. Unused chemicals are often classified as "in particular need of control", i.e. as toxic waste. Disposal is regulated by national laws or regulations of the individual EU member states. Please contact the relevant agency (state authority or waste disposal company) for information about disposal.

Waste key no. (EWC): 18 01 06*
Waste from medical and veterinary care and research;
chemicals composed of or containing hazardous substances.

EWC: European Waste Catalogue. Waste products marked with an asterisk (*) count as hazardous waste according to Directive 91/689/EEC on Hazardous Waste.

After use, the processed product contains no components in dangerous concentrations and may be disposed of in household-type commercial waste. However, infection prevention considerations resulting from use of the product may make special disposal necessary.

Packaging:

Disposal is to be made in accordance with state regulations. Contaminated packaging must be handled in the same way as the product. Unless regulations state otherwise, uncontaminated and completely emptied packaging may be treated as domestic waste or recycled.

14. TRANSPORT INFORMATION

This product does not count as hazardous material for transport regulations.

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15. REGULATORY INFORMATION

Labelling according to EU Dangerous Substances Regulations.

Symbol / description: Xi Irritant.

Risk phrases: R 36/38 Irritating to eyes and skin.

Safety phrases: S 22 Do not breathe dust.
S 24 Avoid contact with the skin.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

German Regulations:

Water Hazard Class: Not applicable

16. OTHER INFORMATION

The information supplied here is based on our current state of knowledge. This information is intended to describe our products with respect to safety requirements. It implies no guarantee of the properties of those products, nor does it establish any contractual relationship.

Text of relevant Risk Phrases (from heading 2):

R 22 Harmful if swallowed.

Department issuing data sheet:

SIFIN Institut für Immunpräparate und Nährmedien GmbH Berlin, Head of Department Culture Media, Tel.: +49 (0) 30 927030-0