



SAFETY DATA SHEET

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Revised edition no : 0

Date : 20 / 6 / 2012

Supersedes : 0 / 0 / 0

Chee & Pool Basal Salt Medium (Micro and Macro elements including Vitamins)

C0249

Synonyms

Chee and Pool (C2D) Vitis Medium incl Vitamins

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Identification of the product : Mixture.
Raw material

Product code : C0249

Trade name : Chee & Pool Basal Salt Medium (Micro and Macro elements including Vitamins)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : For professional use only.
Duchefa Biochemie B.V. products are only intended for in vitro laboratory research purposes.

1.3. Details of the supplier of the safety data sheet

Company identification : Duchefa Biochemie B.V.
A. Hofmanweg 71
2031 BH Haarlem The Netherlands
Tel: +31(0)23-5319093
Fax: +31(0)23-5318027
E-mail:info@duchefa.nl

1.4. Emergency telephone number

Emergency phone nr : Tel: (+31)-(0)23-5319093 (local time : 9.00 to 17.00)
National Poison Information Centre :Europe NL : +31 30 274 88 88
(this service is only available to health professionals)
See www.who.int/ipcs/en/ for a local poison centre

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

: Not regulated.

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

• Symbol(s) : None.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms code : ---

• Precautionary statements

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition/information on ingredients

Substance / Preparation : Preparation.

Components : This product is not hazardous but contains hazardous components.

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Potassium nitrate	42.615 %	7757-79-1	231-818-8	----	----	O; R8 Ox. Sol. 2

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SECTION 3 Composition/information on ingredients (continued)

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Ammonium nitrate	: 37.008 %	6484-52-2	229-347-8	----	----	O; R8 Ox. Sol. 3
Calcium nitrate tetrahydrate	: 11.042 %	13477-34-4	233-332-1	----	----	O; R8 Xi; R36/38 Ox. Sol. 3 Eye irrit 2
Magnesium sulphate	: 4.049 %	7487-88-9	231-298-2	----	----	-----
Potassium dihydrogenorthophosphate	: 3.813 %	7778-77-0	231-913-4	----	----	-----
Ethylenediaminetetraacetate ferric sodium	: 0.823 %	15708-41-5	239-802-2	----	----	-----
Myo-Inositol	: 0.224 %	87-89-8	201-781-2	----	----	-----
Zinc sulphate	: 0.193 %	7446-20-0	231-793-3	030-006-00-9	----	Xn; R22 Xi; R41 N; R50-53 Eye Dam 1 Acute Tox. 4 (oral) Aquatic Acute 1 Aquatic Chronic 1
Boric acid	: 0.139 %	10043-35-3	233-139-2	005-007-00-2	----	Repr. Cat. 2; R60 Repr. Cat. 2; R61 Repr. 1B Repr. 1B
Nicotinic acid	: 0.0224 %	59-67-6	200-441-0	----	----	Xi; R36 Eye irrit 2
Pyridoxine HCl (Vitamine B6)	: 0.0224 %	58-56-0	200-386-2	----	----	Xi; R36/37/38 STOT SE 3 Eye irrit 2 Skin Irrit. 2
Thiamine hydrochloride	: 0.0224 %	67-03-8	200-641-8	----	----	-----
Manganese sulfate monohydrate	: 0.019 %	10034-96-5	232-089-9	025-003-00-4	----	Xn; R20/22 N; R51-53 STOT RE 2 Aquatic Chronic 2
Sodium molybdate dihydrate	: 0.0056 %	10102-40-6	231-551-7	----	----	-----
Cobalt dichloride	: 0.00056 %	7646-79-9	231-589-4	027-004-00-5	----	Carc. Cat. 2; R49 Muta. Cat. 3; R68 Repr. Cat. 2; R60 Xn; R22 R42/43 N; R50-53 (M fact. = 10) Carc. 1B (inhal) Repr. 1B Resp. Sens. 1 Acute Tox. 4 (oral) Muta. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1
Copper (II) sulfate	: 0.00056 %	7758-99-8	231-847-6	029-004-00-0	----	Xn; R22 Xi; R36/38 N; R50-53 Acute Tox. 4 (oral) Eye irrit 2 Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1

SECTION 4 First aid measures

4.1. Description of first aid measures

- General information : Seek medical attention if ill effect develops.
- Inhalation : Remove victim to fresh air.
- Skin contact : Wash skin with mild soap and water.

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SECTION 4 First aid measures (continued)

- Eye contact : Rinse with water.
- Ingestion : Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms and effects, both acute and delayed : May cause skin irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Medical attention and special treatment needed : No data available.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray.
Carbon dioxide (CO₂).
Foam.
Dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Under fire conditions, hazardous fumes will be present.
NO_x
CO_x
SO_x

5.3. Advice for fire-fighters

Protection against fire : Wear proper protective equipment.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General precautions : Avoid raising powdered materials into airborne dust.
Personal precautions : Wear suitable protective clothing.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Sweep up dry powder and dispose properly.

6.4. Reference to other sections

Reference to other sections : No Reference

SECTION 7 Handling and storage

7.1. Precautions for safe handling

General : Store in dry, well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store at room temperature.
Store in dry, well-ventilated area.

7.3. Specific end use(s)

Specific end use(s) : For professional use only.
Duchefa Biochemie B.V. products are only intended for in vitro laboratory research purposes.

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SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

- Eye protection : Safety glasses.
- Skin protection : In case of possible repeated skin contact wear protective clothing.
- Hand protection : Wear gloves.
- Respiratory protection : P1 Where excessive dust may result, wear approved mask.

SECTION 9 Physical and chemical properties

• Appearance

Appearance : Powder.

Colour : White.

• Odour

Odour : Weak.

• Odour threshold

Odour threshold : Not established.

• pH

pH value : No data available.

• Melting point / Freezing point

Melting point [°C] : No data available.

• Initial boiling point - boiling range

Boiling point [°C] : No data available.

• Flash point

Flash point [°C] : No data available.

• Evaporation rate

Evaporation rate (ether=1) : No data available.

• Flammability

Flammability range [vol% in air] : No data available.

• Explosion limits (lower - upper)

Explosion limits : No data available.

• Vapour pressure

Vapour pressure : Not established.

• Vapour density

Relative vapour density (air=1) : No data available.

• Relative density

Relative density : Not established.

• Solubility

Solubility in water : Good.

• Partition coefficient : n-octanol / water

Log P octanol / water at 20°C : Not established.



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SECTION 9 Physical and chemical properties (continued)

• Auto-ignition temperature

Auto-ignition temperature [°C] : No data available.

• Thermal decomposition

Thermal decomposition [°C] : No data available.

• Viscosity

Viscosity : No data available.

• Explosive Properties

Explosive Properties : Not established.

• Oxidising properties

Oxidising properties : Not established.

9.2. Other information

Other data : No data available.

SECTION 10 Stability and reactivity

10.1. Reactivity

Reactivity : No data available.

10.2. Chemical stability

Stability : No data available.

10.3. Possibility of hazardous reactions

Hazardous reactions : No data available.

10.4. Conditions to avoid

Conditions to avoid : Moisture.

10.5. Incompatible materials

Materials to avoid : Strong oxidizers.

10.6. Hazardous decomposition products

Hazardous decomposition products : When heated to decomposition, emits dangerous fumes.
NOx
COx
SOx

SECTION 11 Toxicological information

11.1. Information on toxicological effects

No data available.

SECTION 12 Ecological information

12.1. Toxicity

No data available.

12.2. Persistence - degradability

No data available.

12.3. Bioaccumulative potential

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SECTION 12 Ecological information (continued)

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

Environmental precautions : Prevent entry to sewers and public waters.
Avoid release to the environment.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Dispose in a safe manner in accordance with local/national regulations.
Avoid release to the environment.

SECTION 14 Transport information

14.1. UN Number

Not applicable.

14.2. Proper shipping name

Not applicable.

14.3. Transport Hazard Classification

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Bulk transport - annex II Marpol 73/78 - IBC

Not applicable.

SECTION 15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

Not established.

SECTION 16 Other information

Further information : 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.

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SECTION 16 Other information (continued)

Revision : Complete SDS revision

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

End of document

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