



# SAFETY DATA SHEET

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Revised edition no : 0

Date : 2 / 1 / 2013

Supersedes : 0 / 0 / 0

**LB agar low salt****L1705**

## 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 : L1705

Trade name : LB agar low salt

### 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/](http://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
Agar Agar	: 33.333 %	9002-18-0	232-658-1	----	----	-----
Tryptone	: 33.333 %	73049-73-7	----	----	----	-----
Sodium chloride	: 16.667 %	7647-14-5	231-598-3	----	----	Xi; R36/37/38 Eye irrit 2 Skin Irrit. 2 STOT SE 3

**Duchefa Biochemie B.V.**

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## SECTION 3 Composition/information on ingredients (continued)

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Yeast extract	: 16.667 %	8013-01-2	232-387-9	----	----	-----

## 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.
- 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 (CO<sub>2</sub>).  
Foam.  
Dry powder.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards : Under fire conditions, hazardous fumes will be present.  
NO<sub>x</sub>  
CO<sub>x</sub>  
SO<sub>x</sub>

### 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



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## 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.

## 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.

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**LB agar low salt****L1705****SECTION 9 Physical and chemical properties (continued)****• 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.

**• 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



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## 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

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.

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## 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.

### **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

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