



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

<b>Packaging number</b>	2.04706.646	<b>Version</b>	1.0
<b>Product name</b>	NBB-Broth-Enrichment-Medium (NBB-B-AM)	<b>Date of version</b>	25.06.2015
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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Packaging number:**

2.04706.646

**Product name:**

NBB-Broth-Enrichment-Medium (NBB-B-AM)

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

**Use of the Substance/Mixture:**

For application in the microbiological quality assurance.

### 1.3 Details of the supplier of the safety data sheet

**Company:**

DöhlerGroup, Riedstraße, D-64295 Darmstadt  
Telephone +49(0)6151/306-0 Fax +49(0)6151/306-338

**Responsible Department:**

Department Global Food Safety and Regulatory Affairs  
Telephone +49 (0)6151/306-1781  
E-Mail msds@doehler.com

### 1.4 Emergency telephone number

+49 (0)6151/306-1275

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## 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### 2.2 Label elements

#### Labelling REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### 2.3 Other hazards

This substance is not considered to be very persistent and very bioaccumulating (vPvB).  
This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

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## 3. Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

#### Description:

Culture media



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## Hazardous components:

No hazardous ingredients

## 4. First aid measures

### 4.1 Description of first aid measures

#### General advice:

When symptoms persist or in all cases of doubt seek medical advice.

#### If inhaled:

Move to fresh air.

#### In case of skin contact:

Wash off with plenty of water. Take off all contaminated clothing immediately.

#### In case of eye contact:

Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

#### If swallowed:

Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.

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

No information available.

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

Treat symptomatically.

## 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

#### Specific hazards:

Hazardous decomposition products formed under fire conditions.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.



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## Additional advice:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### Personal precautions:

Use personal protective equipment. Ensure adequate ventilation.

### 6.2 Environmental precautions

#### Environmental precautions:

No special environmental precautions required.

### 6.3 Methods and materials for containment and cleaning up:

#### Methods for cleaning up:

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

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## 7. Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling:

No special precautions required. Observe principles of Good Manufacturing Practice.

#### Advice on protection against fire and explosion:

No special protective measures against fire required.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storage areas and containers:

Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from heat.

#### Advice on common storage:

Keep away from oxidising agents and strongly acid or alkaline materials.



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## Further information on storage conditions:

No data available

## 7.3 Specific end use(s)

For application in the microbiological quality assurance.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure limit(s):

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### **Engineering measures**

No special technical protective measures required.

#### **Personal protective equipment**

#### **Respiratory protection:**

##### **Liquid / vapour**

No personal respiratory protective equipment normally required.

Recommended Filter type: : none

##### **powder**

Breathing apparatus only if dust is formed.

Respiratory protection complying with EN 141.

Recommended Filter type: : P3 filter

#### **Hand protection:**

#### **In case of contact through splashing:**

No special precautions required.

Observe principles of Good Manufacturing Practice.

#### **In case of full contact:**

No special precautions required.

Observe principles of Good Manufacturing Practice.

#### **Eye protection:**

Goggles



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## Body Protection:

Chemical resistant apron

## Hygiene:

Wash hands before breaks and at the end of workday. Smoking, eating and drinking should be prohibited in the application area.

## General protective measures:

No data available

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance and consistency

reddish, liquid

#### Odour and taste

unfit for consumption, therefore not applicable

#### Odour Threshold

No data available

## Safety data

Property	Value	Method
pH	: 5,6 - 5,9	Potentiometric
Melting point/freezing point	: No data available	
Initial boiling point and boiling range	: No data available	
Flashpoint	: Not applicable	
Evaporation rate	: No data available	
Flammability (solid, gas)	: No data available	
Upper/lower flammability or explosive limits	: No data available	
Vapour pressure	: No data available	
Vapour density	: No data available	



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Density	: 1,050 ( 1,045 - 1,055 ) g/cm <sup>3</sup>	Oscillating tube, 20°C / Gravimetric
Solubility(ies)	: Water - soluble	
Partition coefficient: n-octanol/water	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity, dynamic	: No data available	
Viscosity, kinematic	: No data available	
Explosive properties	: No data available	
Oxidizing properties	: No data available	

## 9.2 Other data

No data available

## 10. Stability and reactivity

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical stability

No dangerous reaction known under conditions of normal use.

### 10.3 Possibility of hazardous reactions

None reasonably foreseeable.

### 10.4 Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials to avoid

Acids, Strong oxidizing agents, Bases

### 10.6 Hazardous decomposition products

No data available



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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Health injuries are not known or expected under normal use.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Ecological injuries are not known or expected under normal use.

### 12.2 Persistence and 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

This substance is not considered to be very persistent and very bioaccumulating (vPvB).  
This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

### 12.6 Other adverse effects

No data available

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## 13. Disposal considerations

### 13.1 Waste treatment methods

#### Waste from residues:

The product should not be allowed to enter drains, water courses or the soil. Dispose of in accordance with local regulations.





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## Contaminated packaging:

Offer rinsed packaging material to local recycling facilities. For disposal treat packaging material as product.

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## 14. Transport information

### Land transport (ADR/RID)

Not classified as dangerous in the meaning of transport regulations.

### Sea transport (IMDG)

Not classified as dangerous in the meaning of transport regulations.

### Air transport (ICAO/IATA)

Not classified as dangerous in the meaning of transport regulations.

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## 15. REGULATORY INFORMATION

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

#### Chemical Safety Assessment

No data available

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## 16. Other information

### General advice:

This version replaces all previous versions.

### Key literature references and sources for data:

REGULATION (EC) No 1272/2008

REGULATION (EC) No 1907/2006

<http://echa.europa.eu>

<http://www.toxnet.nlm.nih.gov>

<http://www.dguv.de/ifa/stoffdatenbank>

<http://www.eusdb.de>

<http://esis.jrc.ec.europa.eu>

<http://www.gischem.de>

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