



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Packaging number 2.04711.782
Product name NBB-Concentrate (NBB-C)

Version 2.0
Date of version 05.07.2019
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Packaging number:
2.04711.782

Product name:
NBB-Concentrate (NBB-C)

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 address of person responsible for the SDS msds@doehler.com

1.4 Emergency telephone number

+49 (0)6151/306-1275



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SECTION 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).

SECTION 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

SECTION 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.

SECTION 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.

SECTION 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.

SECTION 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 oxidizing 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.

SECTION 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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance and consistency

Colour light brown
Physical state broth

Odour and taste

unfit for consumption, therefore not applicable

Odour Threshold

No data available

Safety data

Property	Value	Method
pH	: 6,2 - 6,8	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



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Vapour density : No data available

Density : 1,077 (1,072 - 1,082) g/cm³ measured oscillating tube

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

SECTION 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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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Health injuries are not known or expected under normal use.

SECTION 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

SECTION 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.

SECTION 14: Transport information

14.1 UN number

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

14.2 UN proper shipping name

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

14.3 Transport hazard class(es)

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

14.4 Packing group

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

14.5 Environmental hazards

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

No data available

15.2 Chemical safety assessment

No data available



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SECTION 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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