

Safety data sheet according to Regulation (EC) No. 1907/2006

Synthetic Oligonucleotide

Date of issue: 09.04.2015

revised : 11.05.2020

Valid from: 11.05.2020

Version: 1.2



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

1.1 Product identifier

Substance name : Synthetic Oligonucleotide

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

Relevant identified uses: basic material for applied and experimental research

Uses advised against: none

1.3 Details of the supplier of the safety data sheet:

Company Metabion International AG
Street / Postbox Semmelweisstr.3
Post Code D-82152 Planegg/Steinkirchen
Contact for technical information Phone: +49-89-899 363 0
Phone / Fax / E-Mail Phone: +49-89-899 363 0/ Fax: ++49-89-899 363 11
info@mymetabion.com

1.4 Emergency phone number +49 (0) 89 19240 Giftnotruf München

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This product does not meet the criteria for classification according to Regulation No. 1272/2008 / EC.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008

Pictograms and und signal word

Not necessary

Hazard statements: not necessary

Precautionary statements: not necessary

Additional labelling none

2.3 Other hazards

not known

SECTION 3. Composition/information on ingredients

3.1 Substances

Deoxyribonucleic Acid, Sodium salt

EG-No.: not available; CAS-No.: not available REACH-registration not applicable

3.2 Mixture

no mixture

Section 4. First aid measures

4.1 Description of first aid measures

following inhalation: fresh air. Consult doctor if feeling unwell.

following skin contact: wash off with plenty of water

following eye contact: rinse out with plenty of water with the eyelid held wide open. Consult eye doctor

following swallowing: if victim is still conscious, make him drink plenty of water, Consult doctor

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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

No information available

Section 5. Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: CO₂, water, foam, powder
not suitable not known

5.2 Special hazards arising from the substance or mixture

Development of hazardous combustion gases and vapours possible in the event of fire
hazardous combustion products: Carbonoxides

5.3 Advice for fire-fighters

In the event of fire, wear self-contained breathing apparatus

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid generation of dusts, do not inhale dusts.
wear protective clothing

6.2 Environmental precautions

Do not empty into drains.

6.3 Methods and material for containment and cleaning up

Take up dry. Forward for disposal. Clean up affected area.

6.4 Reference to other sections

see sections 7,8,11,12 and 13

Section 7. Handling and storage

7.1 Precautions for safe handling

Observe label precautions

7.2 Conditions for safe storage, including any incompatibilities

Tightly closed at a cool dark and dry place. (15-20°C)

7.3 Specific end uses:

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

Section 8. Exposure controls / personal protection

8.1 Control parameters

Dust	10 mg/m ³ (inhalable fraction)	Germany (TRGS 900)
	1,25 mg/m ³ (respirable fraction)	Germany (TRGS 900)

8.2 Appropriate engineering controls:

Suitable technical control devices

Minimize exposure concentrations at the workplace.
If adequate ventilation is not available, local ventilation must be used.

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Respiratory protection:	required when dusts are generated Filter (FFP2) (EN 141)	
Eye protection:	required (EN 166)	
Hand protection:	in full contact:	in splash contact:
	Glove material: butyl rubber	nitrile rubber
	Layer thickness: 0,7 mm	0,4mm
	Breakthrough time:> 480 min	>120 min

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

appearance

Physical state: solid powder
Colour: white to white/tan
odour : odourless

Boiling point: not available
Flashpoint: non-combustible
Ignition temperature: not available

Vapour pressure: 20°C: not available
Density 20°C: not available
pH-Value 20°C: not detected

Melting point/range: not detected
Initial boiling point/range: not detected

Decomposition temperature: not applicable
Flash point : not detected

Ignition temperature (°C): not detected
Vapour pressure: not applicable

Vapour density: not applicable
Density: not detected

Water solubility (20°C in g/l): easy to dissolve
Partition coefficient: not detected

n-Octanol/Water (log Po/w): not detected
Viscosity, dynamic: not detected

explosive properties: none
Oxidizing properties: none

9.2 Other safety information:

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactiv

10.2 Chemical stability

Stable undernormal conditions

10.3 Possibility of hazardous reactions

No data available

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10.4 Conditions to avoid:

strong heating

10.5 Incompatible materials:

Acids, alkalis (except ammonia), oxidizing agents

10.6 Hazardous decomposition products:

No data available

Section 11: Toxicologic Information

11.1 Information on toxicological effects

acute Toxicity

Not classified based on available information.

Skin corrosion/irritation

The product is not classified

Eye damage/irritation

The product is not classified

Irritation to respiratory tract:

The product is not classified.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

The product is not classified

Specific target organ toxicity (single exposure)

The product is not classified

Specific target organ toxicity (repeated exposure)

The product is not classified

Aspiration hazard

The product is not classified

Symptoms related to the physical, chemical and toxicological characteristics:

No data available

Section 12: Ecological information

12.1 Toxicity

No data available

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

a PBT and vPvB assessment is not available because it is not necessary

12.6 Other adverse effects

With proper handling and use, no ecological problems are expected

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Abschnitt 13: Disposal considerations

13.1 Waste treatment

Product residues are to be disposed of in compliance with the Waste Directive 2008/98 / EC as well as national and regional regulations.

Leave chemicals in original containers. Do not mix with other wastes

Packaging disposal

Uncleaned packaging must be treated according to the product.

Section 14: Transport Information

14.1 UN-Number

Not a subject to transport regulations

14.2 Proper shipping name

ADR/RID IMDG-Code / ICAO-TI / IATA-DGR not relevant

14.3 Classification code

No data available

14.4 Packaging group

No data available

14.5 Environmental Hazards

none

14.6 Special precautions for user:

none

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Section 15: Regulatory information

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

National regulations (Germany)

Water hazard class

WGK 1 (schwach wassergefährdender Stoff)

15.2 Chemical safety assesment

The product has not been subjected to a chemical safety assessment

Section 16: other informations

Indication of changes

rebuild

Abbreviations and acronyms:

Legend to abbreviations and acronymes used in the safety data sheet:

Used abbreviations and acronymes can be looked up at www.wikipedia.org

Full text of H-Statements referred to under sections 2 and 3

none

Training advice

Provide adequate information, instruction and training for operators

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Further informations

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 any properties of the product.