

Safety Data Sheet

N2 Supplement (100x), Serum-free

N2 Supplement Modified (100x), Serum-free

According to Regulation (EC) No. 1907/2006 (REACH)

Date of compilation 02.08.2022

Revision Date 26.10.2023

Version 002/10.2023

Replaces version of 02.08.2022 (Version 001/08.2022)

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

Product identifiers

Product name: N2 Supplement (100x), Serum-free
N2 Supplement Modified (100x), Serum-free

Catalogue No.: N2-K, N2M-K

REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

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

Identified uses: Laboratory chemicals, Manufacture of substances
For research and development or in-vitro diagnostic use only.
Not for therapeutic use. Not for use on human subjects.

Details of the supplier of the safety data sheet

Company: Capricorn Scientific GmbH
Auf der Lette 13 A
35085 Ebsdorfergrund
Germany
Phone: +49 6424 94464 0
E-Mail: info@capricorn-scientific.com
Website: www.capricorn-scientific.com

Emergency telephone number

Emergency Phone: +49 6424 94464 0 (on workdays, Mon. to Fri. from 8:00 – 16:00 h CET/CEST)

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Section 2 Hazards identification

Classification of the substance or mixture

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

Label elements

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

Other hazards

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

Section 3 Composition/information on ingredients

Mixtures

No components need to be disclosed to the applicable regulations

Section 4 First aid measures

Description of first aid measures

General notes	Treat symptomatically.
Following skin contact	Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.
Following eye contact	Flush eyes with water as a precaution.
Following inhalation	Move to fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
Following swallowing	Make victim drink water (two glasses at most). Consult a physician.

Self-protection of the first aider

Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed

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No data available.

Section 5 Firefighting measures

Suitable extinguishing media

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

Special hazards arising from the substance or mixture

Nature of decomposition products not known.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available.

Section 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist, or gas. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and material for containment and cleaning up

Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

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Section 7 Handling and storage

Precautions for safe handling

For precautions see section 2

Advice on protection against fire and explosion

Normal measures for preventive fire protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature 2 - 8 °C

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

Section 8 Exposure controls/personal protection

Control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

No data available.

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws

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and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Eye protection Safety glasses with side-shields tested and approved under appropriate government standards such as NIOSH (US) or EN166 (EU).

Body protection Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls No special precautionary measures necessary.

Section 9 Physical and chemical properties

Information on basic physical and chemical properties

Apperance	Form: liquid
Odor	No data available
pH	No data available
Melting/freezing point	No data available
Boiling point and range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or exposure limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

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Other information

No data available

Section 10 Stability and Reactivity

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available.

Incompatible materials

Strong oxidizing agents, strong acids

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.
In the event of fire: see section 5.

Section 11 Toxicological information

Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

Serious eye damage/eye irritation

Inhalation

Ingestion

Carcinogenicity

no information available

no information available

no information available.

no information available

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Mutagenic effects

Sensitisation

no information available

no information available

no information available

Additional Information

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Section 12

Ecological information

Toxicity

No data available.

Ecotoxicity effects

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects

No data available.

Section 13

Disposal considerations

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Product / Packaging disposal:

Waste codes / waste designations according to LoW:

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Waste treatment-relevant information:

Sewage disposal-relevant information:

Other disposal recommendations:

Section 14 Transport Information

In accordance with ADR / RID / IMDG / IATA

ADR/RID	IMDG	IATA
UN number		
-	-	-
UN proper shipping name		
Not dangerous goods	Not dangerous goods	Not dangerous goods
Transport hazard classes		
-	-	-
Packaging group		
-	-	-
Environmental hazards		
no	Marine pollutant: no	no

Special precautions for user

Maritime transport in bulk according to IMO instruments

Section 15 Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

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Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16

Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product regarding appropriate safety precautions. It does not represent any guarantee of the properties of the product.