

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifiers

Product name: NS21-Supplement 50x, non sterile
Product number: P07-20001

Brand: PAN Biotech

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

Identified uses: Laboratory chemicals, Manufacture of substances

Details of the supplier of the safety data sheet

Company PAN Biotech GmbH
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Emergency phone: +49-(0)8543-6016-30 or +49 151 51557123

2. HAZARDS IDENTIFICATION

In accordance with local and national regulations

The product is classified and labelled in accordance with Directive 1999/45/EC. Regulation (EC) No. 1272/2008 Classification according to EU Directives 67/548/EEC or 1999 /45/EC

GHS – Classification



Warning

Signal word

Health hazard

Acute dermal toxicity

Category 4
not hazardous

Physical hazards

Hazard statements

H315

Causes skin irritation

H319

Causes serious eye irritation

H317

Can cause allergic skin reaction

H335
H411
H351

May cause respiratory irritation
Toxic to aquatic life with long lasting effects
Suspected of causing cancer

Precautionary statements

Do not get in eyes, on skin, or on clothing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS-No.
Albumine, bovine	9048-46-8
Catalase, bovine	9001-05-2
L-Glutathion red.	70-18-8
Insulin, Recombinant Human	11061-68-0
Superoxide dismutase	9054-89-1
Holo-Transferrin human	11096-37-0
3,3',5-Triiodo-L-thyronine sodium salt	55-06-1
L-Carnitine hydrochloride	6645-46-1
Ethanolamine	141-43-5
D-(+)-Galactose	59-23-4
Putrescine dihydrochloride	333-93-7
Natriumselenit	10102-18-8
Ethanol	64-17-5
Corticosterone	50-22-6
Linoleic acid	60-33-3
DL-6,8-Thioctic acid	1077-28-7
Progesterone	57-83-0
Tretinoin	302-79-4
Retinyl acetate	12747-9
(±)-α-Tocopherol	59-02-9
DL-α-Tocopherol acetate	7695-91-2
Neuropan-Basal Media	refer to MSDS Neuropan Basal Media P

We recommend handling all chemicals with caution.

4. FIRST AID MEASURES

Skin contact	Wash off immediately with plenty of water. If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.

Notes to physician

Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing media
Special protective equipment
for firefighters

Dry chemical, water spray, carbon dioxide, foam
Wear self-contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid contact with the skin and the eyes

Methods for cleaning up

Soak up with inert absorbent material.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

Storage

Keep in properly labelled containers in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection

Impervious gloves.

Eye protection

Safety glasses with side-shields

Skin and body protection

Lightweight protective clothing

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

Prevent product from entering drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

liquid

Appearance

no data available

Odour

no data available

Boiling Point/Range

no data available

Melting Point/Range

no data available

Flash Point

no data available

Autoignition temperature	no data available
Oxidising properties	no data available
Water solubility	soluble

10. **STABILITY AND REACTIVITY**

Stability	Stable under normal conditions.
Materials to avoid	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	None under normal use.
Polymerisation	Hazardous polymerisation does not occur.

11. **TOXICOLOGICAL INFORMATION**

Acute toxicity	Not hazardous
Potential health effects	
Eyes	Irritating to eyes.
Skin	May cause sensitisation by skin contact. Irritating to skin
Inhalation	May cause sensitization by inhalation. May cause irritation of respiratory tract.
Ingestion	May be harmful if swallowed.
Carcinogenic effects	No data available
Mutagenic effects	No data available
Reproductive toxicity	Maybe reproductive system hazard.
Sensitisation	May cause sensitisation of susceptible persons.

12. **ECOLOGICAL INFORMATION**

Ecotoxicity effects	No data available
Mobility	No data available
Biodegradation	Inherently biodegradable.
Bioaccumulation	Does not bioaccumulate.

13. **DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

14. **TRANSPORT INFORMATION**

IATA	
Proper shipping name	Not classified as dangerous in the meaning of transport regulations.
Hazard class	No data available
Subsidiary Class	No data available

Packing group
UN-No.

No data available
No data available

15. REGULATORY INFORMATION

Not hazardous according to Directive 67/548/EEC.
Caution: Substance not yet fully tested (EU).

16. OTHER INFORMATION

Further 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 with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. PAN Biotech GmbH shall not be held liable for any damage resulting from handling or from contact with the above product. See www.pan-biotech.com.