

## MATERIAL SAFETY DATA SHEET

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

#### 1.1 Product identifiers

Product name: Neuropan 27 supplement 20x  
Product number: P07-07100

Brand: PAN Biotech

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

Identified uses: Laboratory chemicals, Manufacture of substances

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

Company PAN Biotech GmbH  
Am Gewerbepark 13  
94501 Aidenbach  
GERMANY

Telephone: +49-(0)8543-6016-30  
Fax: +49-(0)8543-6016-49  
E-mail: info@pan-biotech.de

#### 1.4 Emergency telephone number

Emergency phone: +49-(0)8543-6016-30

### 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



#### Signal word

Warning

#### Health hazard

Acute dermal toxicity

Category 4

#### Physical hazards

not hazardous

#### Hazard statements

H315

Causes skin irritation

H317

Can cause allergic skin reaction

H319

Causes serious eye irritation

H335

May cause respiratory irritation

H411

Toxic to aquatic life with long lasting effects

H351

Suspected of causing cancer

### **Precautionary statements**

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

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Name</b>	<b>CAS-No.</b>
Superoxide dismutase	9054-89-1
Catalase, bovine	9001-05-2
Albumine, bovine	9048-46-8
L-Glutathion red.	70-18-8
Ethanol	64-17-5
Corticosterone	50-22-6
Linoleic acid	60-33-3
Progesterone	57-83-0
Retinyl acetate	12747-9
(±)-a-Tocopherol	59-02-9
DL-a-Tocopherol acetate	7695-91-2
D-Biotin	58-85-5
Ethanolamine	141-43-5
D-(+)-Galactose	59-23-4
Putrescine dihydrochloride	333-93-7
L-Carnitine hydrochloride	6645-46-1
Natriumselenit	10102-18-8
Insulin, Recombinant Human	11061-68-0
3,3',5-Triiodo-L-thyronine sodium salt	55-06-1
apo-Transferrin human	11096-37-0

We recommend handling all chemicals with caution.

### **4. FIRST AID MEASURES**

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

### **5. FIREFIGHTING MEASURES**

<b>Suitable extinguishing media</b>	Dry chemical, water spray, carbon dioxide, foam
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit

### **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	Use personal protective equipment. Avoid contact with the skin and the eyes
<b>Methods for cleaning up</b>	Soak up with inert absorbent material.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
<b>Storage</b>	Keep in properly labelled containers in a dry and well-ventilated place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Engineering measures</b>	Ensure adequate ventilation, especially in confined areas
<b>Personal protective equipment</b>	
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
<b>Environmental exposure controls</b>	Prevent product from entering drains.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	liquid
<b>Appearance</b>	no data available
<b>Odour</b>	no data available
<b>Boiling Point/Range</b>	no data available
<b>Melting Point/Range</b>	no data available
<b>Flash Point</b>	no data available
<b>Autoignition temperature</b>	no data available
<b>Oxidising properties</b>	no data available
<b>Water solubility</b>	soluble

**10. STABILITY AND REACTIVITY**

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

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity</b>	Not hazardous
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**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**

No data available

**UN-No.**

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](http://www.pan-biotech.com) or reverse side of invoice or packing slip for additional terms and conditions of sale.