

# SAFETY DATA SHEET

Creation date 08.05.2022

Revision number 2

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name **BodyNeutrAll®**  
Cat No. : **EST00300**  
Synonyms  
CAS-No

1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended use Medical device for

first aid in case of accidents with chemicals

Uses advised against No information available

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

Company name ilma biochem GmbH  
Loreleyblick 4-6  
D-56348 Dörscheid  
E-mail address info@ilma-biochem.com

1.4. Emergency number National Poisons Information Service City Hospital

Dudley Rd. B187QH Birmingham  
Tel. +44 844 892 0111

## SECTION 2: POTENTIAL HAZARDS

### 2.1. Classification of the substance or mixture

#### CLP classification - Regulation (EC) No 1272/2008 Physical

##### hazards

Based on available data, the classification criteria are not met.

##### Health risks

Based on available data, the classification criteria are not met.

##### Environmental hazards

Based on available data, the classification criteria are not met.

**2.2. Labelling elements/ Hazard statements/ Safety instructions No**

labelling elements required.

No hazard statements required

No safety instructions required

**2.3. Other hazards**

There is no information available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. substances**

Component	CAS No	EC no.	Weight percentage	CLP Classification - Regulation (EC) No. 1272/2008
Polyethylene glycols	25322-68-3		< 40 %	STOT SE 3 (H335)
Glycerine	56-81-5		< 5 %	
Glycine	46-40-6		< 5 %	
Ascorbic acid	50-81-7		< 5 %	
Calcium chloride dihydrate	10035-04-08		< 4 %	
Anionic and non-ionic surfactants	65-85-0		< 2 %	
Benzoic acid			< 0,1 %	

**section 4: first aid measures****4.1. Description of the first aid measures**

<b>General advice</b>	If symptoms persist, consult a doctor.
<b>Eye contact</b>	Rinse immediately with plenty of water or eye rinsing solution, also under the eyelids. Consult a doctor if irritation persists.
<b>Ingestion</b>	Rinse mouth with water and then drink plenty of water. If foam is formed, add defoamer, e.g. Espumisan® Emulsion.

**4.2. Most important symptoms and effects, both acute and delayed**

Foaming with oral intake and obstruction of the respiratory tract

**4.3. Indications for immediate medical help or special treatment****Notes to the doctor** If foaming occurs in the mouth, give defoamer e.g. Espumisan® Emulsion.

**section 5: fire-fighting measures****5.1. Extinguishing agent****Suitable extinguishing agents**

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

**Extinguishing media unsuitable for safety reasons**

There is no information available.

**5.2. Special hazards arising from the substance or mixture**

There is no information available.

**Hazardous combustion products**

Carbon monoxide, carbon dioxide (CO<sub>2</sub>).

**5.3. Advice for firefighters**

As with any fire, use self-contained breathing apparatus in pressure demand mode as per MSHA/NIOSH (approved or equivalent) and wear full protective clothing.

**section 6: action in the event of improper release****6.1. Personal precautions, protective equipment and emergency procedures**

There is no information available.

**6.2. Environmental protection measures**

Do not dispose of in the environment or in open waters. In the context of first aid application, avoid exposure to waste water as far as possible.

**6.3. Methods and material for retention and cleaning**

Soak up with inert absorbent material. Store in suitable containers until disposal.

**6.4. Reference to other sections**

See protective measures under points 8 and 13.

**SECTION 7: HANDLING AND STORAGE****7.1. Protective measures for safe handling**

Do not ingest or inhale. Do not get in eyes.

**Hygiene measures**

Handle with good industrial hygiene and safety technique. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using. Remove soiled clothing and wash before reuse. Wash hands before breaks and at the end of work.

**7.2. Conditions for safe storage taking into account incompatibilities**

Keep container tightly closed and store in a dry place.

**7.3. Specific end uses**

Use in workshops, laboratories and health care facilities

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT****8.1. Parameters to be monitored**

Exposure limit values  
There is no information available

**Biological limit values**

This product, as supplied, does not contain any hazardous materials with biological limits set by country-specific regulatory bodies.

**8.2. Exposure controls and monitoring****Technical protective measures**

Ensure that eyewash systems are located close to the workplace.

**Personal protective equipment**

**Eye protection** Safety goggles with side protection (EU standard -EN166)

**Skin and body protection** Long sleeved work clothes

**Limitation and monitoring of environmental exposure** There is no information available

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on the basic physical and chemical properties

<b>Appearance</b>	There is no information available	
<b>Physical state</b>	Liquid	
<b>Smell</b>	Slightly aromatic	
<b>Odour threshold</b>	No data available	
<b>pH value</b>	4.0-5.0	
<b>Melting point / melting range</b>	-65 °C / -85 °F	
<b>Softening point</b>	No data available	
<b>Boiling point/boiling range</b>	There is no information available	
<b>Flash point</b>	171 °C / 339.8 °F	<b>Method</b> - No information available
<b>Evaporation rate</b>	No data available	
<b>Flammability (solid, gaseous)</b>	Not applicable	Liquid
<b>Explosion limits</b>	No data available	
<b>Vapour pressure</b>	<0.01 mmHg @ 20 °C	
<b>Vapour density</b>	No data available	(Air = 1.0)
<b>Specific gravity / density</b>	1.125	
<b>Bulk density</b>	Not applicable	
<b>Water solubility</b>	soluble	
<b>Solubility in other solvents</b>	There is no information available	
<b>Partition coefficient: n-octanol/water</b>	0,1	
<b>Auto-ignition temperature</b>	304 °C / 579.2 °F	
<b>Decomposition temperature</b>	No data available	
<b>Viscosity</b>	60-70 mPa.s @ 20 °C	
<b>Explosion hazard</b>	There is no information available	
<b>Oxidising properties</b>	There is no information available	

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### 9.2. Other information

<b>Molecular weight</b>	Mixture/ not applicable
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## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity** None known according to available information

**10.2. Chemical stability** **Stable** under normal conditions

### **10.3. Possibility of hazardous reactions**

**Hazardous polymerisation** No information available.

**Hazardous reactions** None in normal processing.

**10.4. Conditions to avoid** None known according to available information.

**10.5. Incompatible materials** None known according to available information.

**10.5 Incompatible products** Excessive heat. Strong oxidising agents.

**10.6 Hazardous decomposition products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>)

## SECTION 11: TOXICOLOGICAL INFORMATION

### **11.1 Information on toxicological effects**

#### **Product information**

#### **(a) Acute toxicity,**

**Oral**

Based on available data, the classification criteria are not met.

**Dermal**

Based on available data, the classification criteria are not met.

**Inhalation**

Based on available data, the classification criteria are not met.

Component	LD50 Oral	LD50 dermal	LC50 Inhalation

**(b) Skin corrosion/irritation,** No data available

**(c) severe eye damage/irritation** No data available

**(d) Germ cell mutagenicity** No data available

This product does not contain any known carcinogenic chemicals

#### **(e) Carcinogenicity**

**(f) Reproductive toxicity** No data available

**(g) Specific target organ toxicity after a single exposure** No data available

**(h) Specific target organ toxicity in case of repeated exposure** No data available

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Target organs

None known.

(i) Aspiration hazard

In case of oral intake and foaming

## SECTION 12: ENVIRONMENTAL DISCLOSURES

### 12.1. Toxicity

#### Ecotoxic effects

Component	Freshwater fish	Water flea	Freshwater algae	Microtox
Polyethylene glycols	LC50 = 10 g/L/96h			

### 12.2. Persistence and degradability

#### Persistence

Soluble in water, Persistence is unlikely, According to available information.

### 12.3. Bioaccumulative potential

Bioaccumulation is unlikely

### 12.4. Mobility in soil

The product is water soluble and may spread in water systems. Due to its solubility in the environment is expected to be mobile. Highly mobile in soils

### 12.5. Results of the PBT and vPvB assessment

No data available for assessment.

### 12.6. Other adverse effects No data available for assessment.

**Information on endocrine disorder**

This product does not contain any known or suspected endocrine disruptors

**Persistent Organic Pollutant**

This product does not contain any known or suspected substances

**Ozone depletion potential**

This product does not contain any known or suspected substances

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## SECTION 13: NOTES ON DISPOSAL

### 13.1 Waste treatment processes

**Waste from residues / unused products**

The waste is not classified as hazardous. Dispose of in accordance with EC Directives on waste and on hazardous waste. Dispose of in accordance with local authority regulations.

**Contaminated packaging**

Dispose of in accordance with local regulations.

**European Waste Catalogue**

According to the European Waste Catalogue (EWC), waste code numbers are not product-specific, but application-related.

**Other information**

Waste codes must be defined by the user on the basis of the application for which the product has been used. Do not allow to enter drains.

## SECTION 14: TRANSPORT INFORMATION

**IMDG/IMO**

Not regulated.

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard classes**

**14.4. Packing group**

**ADR**

Not regulated.

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard classes**

**14.4. Packing group**

**IATA**

Not regulated.

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard classes**

**14.4. Packing group**

**14.5. Environmental hazards**

No hazards identified

**14.6. Special precautions for the user**

No special measures required

**14.7. Bulk transport in accordance with Annex II of the MARPOL 73/78 and according to the IBC Code** Not applicable, packaged goods

## SECTION 15: LEGAL PROVISIONS

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

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## International inventories

X = listed

Component	EINECS	ELINCS	NLP	TSCA	DSL	NDSL	PICCS	ENCS	IECSC	AICS	KECL
Polyethylene glycols	-	-	500-038-2	X	X	-	X	X	X	X	X

## National regulations

Component	Germany Water hazard class (VwVwS)	Germany - TA-Luft Class
Polyethylene glycols	WGK 1	

Observe employment restrictions according to the youth employment protection regulations (94/33/EC).  
Comply with Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

### 15.2. Chemical Safety Assessment

A Chemical Safety Assessment / Report (CSA / CSR) has not been carried out

## SECTION 16: OTHER DISCLOSURES

### Full text of the hazard statements in section 3

#### Legend

**CAS** - Chemical Abstracts Service

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/Eu List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances - Chinese Inventory of Existing Substances

**KECL** - Korean Existing and Evaluated Chemical Substances List

**WEL** - Workplace limits

**ACGIH** - American Conference of Industrial Hygiene

**DNEL** - limit value below which the substance exerts no effect

**RPE** - Respiratory protection equipment

**LC50** - Lethal concentration 50%

**NOEC** - Concentration with no observed effect

**PBT** - Persistent, Bioaccumulative, Toxic

**ADR** - European Agreement concerning the International Carriage of Dangerous Goods by Road

**IMO/IMDG** - International Maritime Organization/International Maritime Dangerous Goods Code

**OECD** - Organisation for Economic Co-operation and Development

**BCF** - Bioconcentration Factor (BCF)

**Technical literature and data sources** Suppliers Safety Data Sheet, Chemadvisor - LOLI,

**TSCA** - U.S. Hazardous Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian equivalent of the European Existing Substances List/Canadian list of substances that are only on the market abroad.

**ENCS** - Japan Existing and New Chemical Substances - Japanese Inventory of Existing and New Chemical Substances

**AICS** - Australian Inventory of Chemical Substances, Australian Chemical Inventory

**NZIoC** - New Zealand Inventory of Chemicals

**TWA** - Time Weighted Average

**IARC** - International Agency for Research on Cancer **PNEC** - Estimated No-Effect Concentration

**LD50** - Lethal Dosage 50%

**EC50** - Effective concentration 50%

**POW** - Partition coefficient octanol: water

**vPvB** - very persistent and very bioaccumulative

**CAO/IATA** - International Civil Aviation Organization/International Air Transport Association

**MAR**

**POL** - International Convention for the Prevention of Pollution from Ships

**ATE** - Acute Toxicity Estimation

**VOC** - Volatile Organic Compounds

**ICAO/IATA** - International Civil Aviation Organization/International Air Transport Association