

# SAFETY DATA SHEET

Creation date 14.06.2024

Revision number 3

## SECTION 1: NAME OF THE SUBSTANCE OR OF THE MIXTURE AND THE UNDERTAKING

### 1.1. Product Identifier

Product	<u>Name BodyNeutrAll®</u>
Cat No. :	EST-00300
Synonyms	
CAS No	

### 1.2. Relevant identified uses of the substance or mixture and uses discouraged

Recommended use	Medical device for first aid in the event of accidents involving chemicals
Uses that are not recommended	No information available

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

Name of the company	EST-biochemGmbH Luchsweg 22 50259 Pulheim
E-mail address	info@est-biochem.com

### 1.4. Emergency number

Gift Emergency Call Erfurt (GGIZ Erfurt): +49-361-730730

Exclusively for customers in Austria:  
Emergency number of the poisoning information centre of Gesundheit Österreich GmbH: +43 14064343

## SECTION 2: POSSIBLE HAZARDS

### 2.1. Classification of the substance or mixture

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

##### Hazards

Based on the available data, the classification criteria are distress mead.

##### Health hazards

Based on the available data, the classification criteria are distress mead.

##### Environmental hazards

Based on the available data, the classification criteria are distress mead.

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

labelling elements required

No hazard statements required

No safety instructions required

**2.3. Other hazards**

No information is available

**SECTION 3: COMPOSITION/INFORMATION ON CONSTITUENTS****3.1. Substances**

Component	CAS No.	E C N o	Percentage by weight	CLP Classification - Regulation (EC) No. 1272/2008
Polyethylene glycols	25322-68-3	.	< 40 %	STOT SE 3 (H335)
Glycerol	56-81-5		< 5 %	
Glycine	56-40-6		< 5 %	
Ascorbic acid	50-81-7		< 5 %	
Calcium chloride dihydrate	10035-04-08		< 4 %	H 335
Anionic and non-ionic surfactants			< 10 %	
Benzoic acid	65-85-0		< 0.1 %	H 335

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****General**

informationIf symptoms persist, consult a doctor.

**Eye**

contactImmediate thoroughly rinse with plenty of water or eyewash solution, even under the Eyelids. In case of persistent irritation, consult a doctor.

SwallowUse Mouth with water and then drink plenty of water. In case of foam formation, defoamer e.B. Give Espumisan® emulsion.

**4.2. Main acute and delayed symptoms and effects**

Foaming during oral intake and relocation of the respiratory tract

**4.3. Indications of immediate medical assistance or special treatment****Instructions to the**

doctorIn case of foam formation in the oral cavity, defoamer e.B. Give Espumisan® emulsion.

**SECTION 5: FIRE-FIGHTING MEASURES****5.1. Extinguishing agent****Suitable extinguishing agents**

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

**Unsuitable extinguishing agents for safety reasons**

No information is available.

**5.2. Specific hazards posed by the substance or mixture**

No information is available.

**Hazardous combustion products**

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

**5.3. Notes for firefighting**

As with any fire, an ambient air-independent respirator shall be used in MSHA/NIOSH pressure request mode (approved or equivalent) and must be worn in full protective clothing.

**SECTION 6: MEASURES IN THE EVENT OF ACCIDENTAL RELEASE****6.1. Personal precautions, protective equipment and procedures to be followed in emergencies**

No information is available.

**6.2. Environmental protection**

Disposal not in the environment or in open waters. As part of the first aid application, avoid wastewater pollution as far as possible.

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

Absorb with inert, absorbent material. Store in suitable containers until disposed of.

**6.4. Reference to other sections**

See safeguard measures under points 8 and 13.

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

Do not take or inhale. Do not let it get into the eyes.

**Hygiene measures**

Handle with good occupational hygiene and safety technology. Keep away from food, beverages and feed. Do not eat, drink or smoke when used. Remove soiled clothing and wash it before reuse. Wash hands before breaks and at the end of work.

**7.2. Conditions for safe storage , taking into account intolerances**

Keep the container well closed and store in a dry place.

**7.3. Specific end applications**

Use in workshops, laboratories and healthcare facilities

**SECTION 8: LIMITATION AND MONITORING OF EXPOSURE/PERSONNEL PROTECTIVE EQUIPMENT****8.1. Parameters to monitor**

Exposure  
No information is available

**Biological limit values**

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

**8.2. Limitation and monitoring of exposure**

**Technical measures**                      Ensure that the eyewash systems are close to the workplace.

**Personal protective equipment**

**Eye protection**  
Safety goggles with side protection (EU standard - EN 166)

**Haut and body protection**

Long-sleeved workwear

**Limitation and monitoring of environmental exposure**

No information is available.

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BodyNeutrAll®

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance Physical state</b>	There is no information before liquid	
<b>Odour odour threshold pH value</b>	Slightly aromatic No data available 4.0-5.0 -65 °C / -85 °F	
<b>Melting point/melting range</b>	No data available	
<b>Softening point boiling point/boiling range</b>	No information is available at 171°C / 339.8°F	
<b>Flash point</b>		<b>Method</b> - No information is available
<b>Evaporation</b>	rateData not available	
<b>Flammability (solid, gaseous)</b>	Not applicable	Luggage
<b>Explosion</b>	limitsData not available	
<b>Vapour pressure</b>	<0.01 mmHg @ 20 °C	(air = 1.0)
<b>Vapour density</b>	No data available	
<b>Specific gravity / density<sup>1,125</sup></b>		
<b>Bulk density Water solubility</b>	Not accurately soluble	
<b>Solubility in other solvents</b>	No information is available	

**Partition coefficient: n-octanol/water** 0.1  
**Auto-ignition temperature** 304 °C / 579.2 °F  
**Decomposition temperature** Data not available  
**Explosion hazard** There is no information available  
**Oxidizing properties** There is no information available  
**Viscosity** 60-70 mPa.s @ 20 °C

**9.2. Other information**

**Molecular weight** Mix/ not applicable

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity** Not known according to available information

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

**10.3. Possibility of dangerous reactions**

**Dangerous reactions** No **polymerization** There is no information available with normal processing.

**10.4. Conditions to avoid** According to available information, no known

**10.5. Incompatible materials** No known information available

**10.5. Incompatible Products** Excessive heat. Strong oxidizing agents.

**10.6. Dangerous decomposition products** Carbon monoxide. Carbon dioxide (CO2).

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Product**

**(a) acute toxicity,**  
 Oral Due to the available data, the classification criteria are not met.  
 Dermal Due to the available data, the classification criteria are not met.  
 Inhalation Due to the available data, the classification criteria are not met.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation

**(b) Corrosive/irritant effect on the skin,** No data available

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

**(d) germ cell mutagenicity,**

- (e) **Carcinogenicity** No data available  
This product does not contain any known carcinogenic chemicals
- (f) **Reproductive toxicity, No** data available
- (g) **specific target organ toxicity at single exposure,** No data available
- (h) **specific target organ toxicity with repeated exposure,** No data available
- (i) **Target organs** No known.
- (j) **Risk of aspiration.** With oral intake and foaming

## SECTION 12: ENVIRONMENTAL CLAIMS

### 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. Bioaccumulation

potential Bioaccumulation is unlikely

### 12.4. Mobility in the soil

The product is water-soluble and can spread in water systems  
its solubility in the environment is likely to be mobile. Highly mobile in soils

### 12.5. Results of PBT and vPvB assessment

No data available for assessment.

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

**Information on endocrine disruption** This product contains no known or suspected endocrine disruptors

**Persistent Organic Pollutant** This product contains no known or suspected Stoff  
**Ozone depletion** potential This product does not contain any known or suspected stoff

## SECTION 13: DISPOSAL INSTRUCTIONS

### 13.1. Waste treatment process

**Waste from residual quantities / unused products** The waste is not classified as hazardous. Disposal in accordance with EC directives on waste and hazardous waste. Eliminate in compliance with local government regulations.

**Remove contaminated packaging** In compliance with local regulatory requirements.

**European Waste product-** Catalogue According to the European Waste Catalogue (EAK), waste code numbers are not

**Other** but application-oriented.  
 information Waste keys must be used by the user on the basis of the application for which the Product has been used, can be assigned. Do not let it get into the sewers.

## SECTION 14: TRANSPORT INFORMATION

**IMDG/** IMO not regulated.

### 14.1. UN number

### 14.2. Proper UN shipping

### designation

### 14.3. Transport hazard classes

### 14.4. Packaging Group

ADR not regulated.

### 14.1. UN number

### 14.2. Proper UN shipping

### designation

### 14.3. Transport hazard classes

### 14.4. Packaging Group

IATA Not regulated.

### 14.1. UN number

### 14.2. Proper UN shipping

### designation

### 14.3. Transport hazard classes

### 14.4. Packaging Group

### 14.5. Environmental

hazards No hazards identified

### 14.6. Special precautions for the user

No special measures required

**14.7. Bulk transport according to Annex II of the MARPOL Convention 73/78 and according to IBC code** Inapplicable, packaged goods

## SECTION 15: LEGISLATION



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

**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 under the youth employment protection provisions (94/33/EC)  
Comply with Directive 98/24/EC on the protection of the health and safety of workers from the risks related to exposure to chemical agents at work

**15.2. Chemical safety assessment**

A chemical safety assessment / report (CSA / CSR) was not carried out

**SECTION 16: OTHER INFORMATION****Full text of the hazard statements in Section 3****Legend**

**CAS** - Chemical Abstracts Service

**EINECS/ELINCS** - European List 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

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

**WEL** - Workplace limit values

**ACGIH** - American Conference of Industrial Hygiene

**DNEL** - Limit value below which the substance has no effect

**RPE** - Respiratory Protective Equipment

**LC50** - Lethal concentration 50%

**NOEC** - Concentration without observed

**PBT** - Persistent, Bioaccumulative,

**ADR** - European Agreement on 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)

**Literature and Data Sources**

Supplier Safety Data Sheet,

Chemadvisor - LOLI,

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

**DSL/NDSL** - Canadian equivalent of the European list of existing substances/Canadian list of substances that are only on the market abroad

**ENCS** - Japan Existing and New Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**TWA** - Time Weighted Average

**IARC** - International Agency for Research on

Cancer **PNEC** - Estimated non-effect concentration

**LD50** - Lethal doses 50%

**EC50** - Effective concentration 50%

**effectPOW** - Partition coefficient Octanol: **Water**

**ToxicvPvB** - **VERY** persistent and very bioaccumulative