

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

### 1.1. Product identifier

Product name **Plum BodyNeutrAll 600 ml Solution 1**  
Cat No. : **4736**  
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 together with solution 2  
Uses advised against No information available

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

Company name Plum Safety ApS,  
Mandelalleen 1, DK-  
5610 Assens  
E-mail address Tel.: +45 6916 9600  
www.plum.eu

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 |        | < 80 %            | STOT SE 3 (H335)                                   |
| Glycerine                         | 56-81-5    |        | < 10 %            |  |
| Ascorbic acid                     | 50-81-7    |        | < 10 %            |  |
| anionic and non-ionic surfactants | 65-85-0    |        | < 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 eyes. 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 equipment is 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

## 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>                               | 3.0-4.0                           |  |
| <b>Melting point / melting range</b>          | -10°C to - 5°C/ 14°F to 23 °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 ago            | <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 |  |

### 9.2. Other information

**Molecular weight** Mixture/ not applicable

## 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.  
**Dangerous reactions** None during 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) Serious 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 at single exposure, No data available
- (h) Specific target organ toxicity in case of repeated exposure, No data available  
 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

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Plum BodyNeutrAll 600 ml Sol.1

## **12.4. Mobility in soil**

The product is water soluble and may spread in water systems. 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 disruption**

This product does not contain any known or suspected endocrine disruptors.

### **Persistent organic pollutant Ozone depletion potential**

This product does not contain any known or suspected substance.

This product does not contain any known or suspected substance.

## SECTION 13: NOTES ON DISPOSAL

### 13.1 Waste treatment processes

|  |   |
|--|---|
| <b>Waste from residues / unused products</b> | 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. |
| <b>Contaminated packaging</b>                | Dispose of in accordance with local regulations.  |
| <b>European Waste Catalogue</b>              | According to the European Waste Catalogue (EWC), waste code numbers are not product-specific.   |
| <b>Other information</b>                     | but application-related.<br>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

|  |                                |
|--|--------------------------------|
| <b><u>IMDG/IMO</u></b>   | Not regulated.                 |
| <b><u>14.1. UN number</u></b>  |                                |
| <b><u>14.2. UN proper shipping name</u></b>  |                                |
| <b><u>14.3. Transport hazard classes</u></b>   |                                |
| <b><u>14.4. Packing group</u></b>  |                                |
| <b><u>ADR</u></b>  | Not regulated.                 |
| <b><u>14.1. UN number</u></b>  |                                |
| <b><u>14.2. UN proper shipping name</u></b>  |                                |
| <b><u>14.3. Transport hazard classes</u></b>   |                                |
| <b><u>14.4. Packing group</u></b>  |                                |
| <b><u>IATA</u></b>   | Not regulated.                 |
| <b><u>14.1. UN number</u></b>  |                                |
| <b><u>14.2. UN proper shipping name</u></b>  |                                |
| <b><u>14.3. Transport hazard classes</u></b>   |                                |
| <b><u>14.4. Packing group</u></b>  |                                |
| <b><u>14.5. Environmental hazards</u></b>  | No hazards identified          |
| <b><u>14.6. Special precautions for the user</u></b>   | No special measures required   |
| <b><u>14.7. Bulk transport in accordance with Annex II of the MARPOL 73/78 and according to the IBC Code</u></b> | 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

**ICAO/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