

**PASTA POLERSKA B 200 - POLISHING PASTE B200****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier:** PASTA POLERSKA B 200 - POLISHING PASTE B200**Other means of identification:**

Not relevant

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

Relevant uses: Polishing paste

Uses advised against: All uses not specified in this section or in section 7.3

**1.3 Details of the supplier of the safety data sheet:**

BOLL Wojciech Dalewski Spółka Jawna  
ul. Chemiczna 3  
65-713 Zielona Góra - Polska  
Phone: 68 451 99 99 - Fax: 68 451 99 00  
huszcza@boll.pl  
<https://www.boll.pl>

**1.4 Emergency telephone number:****SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture:****CLP Regulation (EC) No 1272/2008:**

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

**2.2 Label elements:****CLP Regulation (EC) No 1272/2008:****Hazard statements:**

Not relevant

**Precautionary statements:**

Not relevant

**Supplementary information:**

EUH210: Safety data sheet available on request.

**2.3 Other hazards:**

Product does not meet PBT/vPvB criteria


Endocrine-disrupting properties: The product does not meet the criteria.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substance:**

Non-applicable

**3.2 Mixture:****Chemical description:** a mixture of organic and auxiliary substances**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification  | Chemical name/Classification  | Concentration        |
|---|---|----------------------|
| CAS: Non-applicable<br>EC: 918-481-9<br>Index: Non-applicable<br>REACH: 01-2119457273-39-XXXX | <b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Asp. Tox. 1: H304; EUH066 - Danger  | <b>10 - &lt;25 %</b> |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878<sup>(2)</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

| Identification  | Chemical name/Classification  | Concentration |
|---|---|---------------|
| CAS: 8042-47-5<br>EC: 232-455-8<br>Index: Non-applicable<br>REACH: Non-applicable       | <b>Biały olej mineralny (ropa naftowa)<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Asp. Tox. 1: H304 - Danger   | 10 - <25 %    |
| CAS: 102-71-6<br>EC: 203-049-8<br>Index: Non-applicable<br>REACH: 01-2119486482-31-XXXX | <b>2,2',2''-nitilotriethanol<sup>(2)</sup></b> Not classified<br>Regulation 1272/2008   | <2,5 %        |
| CAS: 52-51-7<br>EC: 200-143-0<br>Index: 603-085-00-8<br>REACH: 01-2119980938-15-XXXX    | <b>bronopol (INN)<sup>(2)</sup></b> ATP ATP01<br>Regulation 1272/2008 Acute Tox. 4: H302+H312; Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger | <0,1 %        |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878<sup>(2)</sup> Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**Other information:**

| Identification                               | M-factor |         |
|--|----------|---------|
|  | Acute    | Chronic |
| bronopol (INN)<br>CAS: 52-51-7 EC: 200-143-0 | 10       | 1       |

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification | Acute toxicity  |              | Genus  |
|----------------|-----------------|--------------|--------|
| bronopol (INN) | LD50 oral       | 500 mg/kg    | Rat    |
| CAS: 52-51-7   | LD50 dermal     | 1600 mg/kg   | Rabbit |
| EC: 200-143-0  | LC50 inhalation | Not relevant |        |

## SECTION 4: FIRST AID MEASURES

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Not available

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**PASTA POLERSKA B 200 - POLISHING PASTE B200****SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media:****Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

Non-applicable

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

It is recommended to avoid environmental spillage of both the product and its container.

**6.3 Methods and material for containment and cleaning up:**

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

**6.4 Reference to other sections:**

See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling:**

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

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**SECTION 7: HANDLING AND STORAGE (continued)**

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

**7.2 Conditions for safe storage, including any incompatibilities:**

A.- Technical measures for storage

- Minimum Temp.: 10 °C
- Maximum Temp.: 30 °C
- Maximum time: 24 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

There are no applicable occupational exposure limits for the substances contained in the product

**DNEL (Workers):**

| Identification   |            | Short exposure |              | Long exposure            |                       |
|--|------------|----------------|--------------|--------------------------|-----------------------|
|  |            | Systemic       | Local        | Systemic                 | Local                 |
| Biały olej mineralny (ropa naftowa)<br>CAS: 8042-47-5<br>EC: 232-455-8 | Oral       | Not relevant   | Not relevant | Not relevant             | Not relevant          |
|  | Dermal     | Not relevant   | Not relevant | 217,05 mg/kg             | Not relevant          |
|  | Inhalation | Not relevant   | Not relevant | 164,56 mg/m <sup>3</sup> | Not relevant          |
| 2,2',2''-nitriłotriethanol<br>CAS: 102-71-6<br>EC: 203-049-8           | Oral       | Not relevant   | Not relevant | Not relevant             | Not relevant          |
|  | Dermal     | Not relevant   | Not relevant | 7,5 mg/kg                | Not relevant          |
|  | Inhalation | Not relevant   | Not relevant | Not relevant             | 1 mg/m <sup>3</sup>   |
| bronopol (INN)<br>CAS: 52-51-7<br>EC: 200-143-0                        | Oral       | Not relevant   | Not relevant | Not relevant             | Not relevant          |
|  | Dermal     | Not relevant   | Not relevant | 2 mg/kg                  | Not relevant          |
|  | Inhalation | Not relevant   | Not relevant | 3,5 mg/m <sup>3</sup>    | 2,5 mg/m <sup>3</sup> |

**DNEL (General population):**

| Identification   |            | Short exposure |              | Long exposure           |                       |
|--|------------|----------------|--------------|-------------------------|-----------------------|
|  |            | Systemic       | Local        | Systemic                | Local                 |
| Biały olej mineralny (ropa naftowa)<br>CAS: 8042-47-5<br>EC: 232-455-8 | Oral       | Not relevant   | Not relevant | 25 mg/kg                | Not relevant          |
|  | Dermal     | Not relevant   | Not relevant | 93,02 mg/kg             | Not relevant          |
|  | Inhalation | Not relevant   | Not relevant | 34,78 mg/m <sup>3</sup> | Not relevant          |
| 2,2',2''-nitriłotriethanol<br>CAS: 102-71-6<br>EC: 203-049-8           | Oral       | Not relevant   | Not relevant | 3,3 mg/kg               | Not relevant          |
|  | Dermal     | Not relevant   | Not relevant | 2,66 mg/kg              | Not relevant          |
|  | Inhalation | Not relevant   | Not relevant | Not relevant            | 0,4 mg/m <sup>3</sup> |
| bronopol (INN)<br>CAS: 52-51-7<br>EC: 200-143-0                        | Oral       | 0,5 mg/kg      | Not relevant | 0,18 mg/kg              | Not relevant          |
|  | Dermal     | Not relevant   | Not relevant | 0,7 mg/kg               | Not relevant          |
|  | Inhalation | Not relevant   | Not relevant | 0,6 mg/m <sup>3</sup>   | Not relevant          |

**PNEC:**

| Identification   |              |              |                         |            |
|--|--------------|--------------|-------------------------|------------|
| 2,2',2''-nitriłotriethanol<br>CAS: 102-71-6<br>EC: 203-049-8 | STP          | 10 mg/L      | Fresh water             | 0,32 mg/L  |
|  | Soil         | 0,151 mg/kg  | Marine water            | 0,032 mg/L |
|  | Intermittent | 5,12 mg/L    | Sediment (Fresh water)  | 1,7 mg/kg  |
|  | Oral         | Not relevant | Sediment (Marine water) | 0,17 mg/kg |

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Identification                                  |              |              |                         |             |
|---|--------------|--------------|-------------------------|-------------|
| bronopol (INN)<br>CAS: 52-51-7<br>EC: 200-143-0 | STP          | 0,43 mg/L    | Fresh water             | 0,01 mg/L   |
|   | Soil         | 0,5 mg/kg    | Marine water            | 0,001 mg/L  |
|   | Intermittent | 0,003 mg/L   | Sediment (Fresh water)  | 0,041 mg/kg |
|   | Oral         | Not relevant | Sediment (Marine water) | 0,003 mg/kg |

**8.2 Exposure controls:**



A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands



| Pictogram  | PPE                                   | Labelling   | CEN Standard | Remarks  |
|--|---------------------------------------|---|--------------|--|
| <br>Mandatory hand protection | Protective gloves against minor risks |  |              | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN ISO 21420:2020 and EN ISO 374-1:2016+A1:2018 |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



D.- Eye and face protection

| Pictogram  | PPE   | Labelling   | CEN Standard                    | Remarks   |
|--|---|---|---------------------------------|---|
| <br>Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram | PPE                  | Labelling   | CEN Standard      | Remarks   |
|-----------|----------------------|---|-------------------|---|
|           | Work clothing        |  |                   | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
|           | Anti-slip work shoes |  | EN ISO 20347:2012 | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007                                 |

F.- Additional emergency measures

| Emergency measure   | Standards                                       | Emergency measure  | Standards                                      |
|---|---|--|--|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

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**PASTA POLERSKA B 200 - POLISHING PASTE B200****SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

|                          |                                |
|--------------------------|--------------------------------|
| Physical state at 20 °C: | Liquid                         |
| Appearance:              | Paste                          |
| Colour:                  | <input type="checkbox"/> White |
| Odour:                   | Characteristic                 |
| Odour threshold:         | Not available *                |

**Volatility:**

|  |                 |
|--|-----------------|
| Boiling point at atmospheric pressure: | Not available * |
| Vapour pressure at 20 °C:              | Not available * |
| Vapour pressure at 50 °C:              | Not available * |
| Evaporation rate at 20 °C:             | Not available * |

**Product description:**

|  |                              |
|--|------------------------------|
| Density at 20 °C:                            | 925 - 1045 kg/m <sup>3</sup> |
| Relative density at 20 °C:                   | 0,925 - 1,045                |
| Dynamic viscosity at 20 °C:                  | Not available *              |
| Kinematic viscosity at 20 °C:                | Not available *              |
| Kinematic viscosity at 40 °C:                | 20 mm <sup>2</sup> /s        |
| Concentration:                               | Not available *              |
| pH:  | 8,5                          |
| Vapour density at 20 °C:                     | Not available *              |
| Partition coefficient n-octanol/water 20 °C: | Not available *              |
| Solubility in water at 20 °C:                | Not available *              |
| Solubility properties:                       | Not available *              |
| Decomposition temperature:                   | Not available *              |
| Melting point/freezing point:                | Not available *              |

**Flammability:**

|                            |                        |
|----------------------------|------------------------|
| Flash Point:               | Non Flammable (>60 °C) |
| Flammability (solid, gas): | Not available *        |
| Autoignition temperature:  | Not available *        |
| Lower flammability limit:  | Not available *        |
| Upper flammability limit:  | Not available *        |

**Particle characteristics:**

|                             |                |
|-----------------------------|----------------|
| Median equivalent diameter: | Non-applicable |
|-----------------------------|----------------|

**9.2 Other information:****Information with regard to physical hazard classes:**

|  |                 |
|--|-----------------|
| Explosive properties:  | Not available * |
| Oxidising properties:  | Not available * |
| Corrosive to metals:   | Not available * |
| Heat of combustion:  | Not available * |
| Aerosols-total percentage (by mass) of flammable components: | Not available * |

**Other safety characteristics:**

\*Not available due to the nature of the product, not providing information property of its hazards.

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#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Surface tension at 20 °C: Not available \*

Refraction index: Not available \*

\*Not available due to the nature of the product, not providing information property of its hazards.

#### SECTION 10: STABILITY AND REACTIVITY

##### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

##### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

##### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

##### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight       | Humidity       |
|--------------------|------------------|-------------------------|----------------|----------------|
| Not applicable     | Not applicable   | Not applicable          | Not applicable | Not applicable |

##### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Not applicable      | Not applicable        | Avoid alkalis or strong bases |

##### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

##### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

##### A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

##### B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

##### C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

##### D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

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**PASTA POLERSKA B 200 - POLISHING PASTE B200****SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Biały olej mineralny (ropa naftowa) (3); 2,2',2''-nitilotriethanol (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**F- Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

**G- Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

**H- Aspiration hazard:**

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Not relevant

**Specific toxicology information on the substances:**

| Identification   | Acute toxicity |             | Genus  |
|--|----------------|-------------|--------|
|  | LD50 oral      | LD50 dermal |        |
| Biały olej mineralny (ropa naftowa)<br>CAS: 8042-47-5<br>EC: 232-455-8                                       | >5000 mg/kg    | >2000 mg/kg | Rat    |
|  | >2000 mg/kg    | >20 mg/L    |        |
|  | >20 mg/L       |             |        |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics<br>CAS: Non-applicable<br>EC: 918-481-9 | >2000 mg/kg    | >2000 mg/kg |        |
|  | >2000 mg/kg    | >20 mg/L    |        |
|  | >20 mg/L       |             |        |
| 2,2',2''-nitilotriethanol<br>CAS: 102-71-6<br>EC: 203-049-8  | >2000 mg/kg    | >2000 mg/kg |        |
|  | >2000 mg/kg    | >20 mg/L    |        |
|  | >20 mg/L       |             |        |
| bronopol (INN)<br>CAS: 52-51-7<br>EC: 200-143-0  | 500 mg/kg      | 1600 mg/kg  | Rat    |
|  | 1600 mg/kg     | >5 mg/L     | Rabbit |
|  | >5 mg/L        |             |        |

**11.2 Information on other hazards:****Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

**Other information**

Not relevant

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Toxicity:**

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## SECTION 12: ECOLOGICAL INFORMATION (continued)

**Acute toxicity:**

| Identification   | Concentration | Species              | Genus                   |            |
|--|---------------|----------------------|-------------------------|------------|
| 2,2',2''-nitrioltriethanol<br>CAS: 102-71-6<br>EC: 203-049-8 | LC50          | 11800 mg/L (96 h)    | Pimephales promelas     | Fish       |
|  | EC50          | 5600 mg/L (24 h)     | Artemia salina          | Crustacean |
|  | EC50          | 216 mg/L (72 h)      | Scenedesmus subspicatus | Algae      |
| bronopol (INN)<br>CAS: 52-51-7<br>EC: 200-143-0              | LC50          | >0.1 - 1 mg/L (96 h) |                         | Fish       |
|  | EC50          | >0.1 - 1 mg/L (48 h) |                         | Crustacean |
|  | EC50          | >0.1 - 1 mg/L (72 h) |                         | Algae      |

**Chronic toxicity:**

| Identification                               | Concentration | Species   | Genus               |            |
|--|---------------|-----------|---------------------|------------|
| bronopol (INN)<br>CAS: 52-51-7 EC: 200-143-0 | NOEC          | 21,5 mg/L | Oncorhynchus mykiss | Fish       |
|  | NOEC          | 0,27 mg/L | Daphnia magna       | Crustacean |

**12.2 Persistence and degradability:****Substance-specific information:**

| Identification   | Degradability |              | Biodegradability |          |
|--|---------------|--------------|------------------|----------|
|  |               |              |                  |          |
| 2,2',2''-nitrioltriethanol<br>CAS: 102-71-6<br>EC: 203-049-8 | BOD5          | 0,08 g O2/g  | Concentration    | 100 mg/L |
|  | COD           | 1,53 g O2/g  | Period           | 14 days  |
|  | BOD5/COD      | 0,05         | % Biodegradable  | 0 %      |
| bronopol (INN)<br>CAS: 52-51-7<br>EC: 200-143-0              | BOD5          | Not relevant | Concentration    | 100 mg/L |
|  | COD           | Not relevant | Period           | 28 days  |
|  | BOD5/COD      | Not relevant | % Biodegradable  | 0 %      |

**12.3 Bioaccumulative potential:****Substance-specific information:**

| Identification   | Bioaccumulation potential |       |
|--|---------------------------|-------|
|  |                           |       |
| 2,2',2''-nitrioltriethanol<br>CAS: 102-71-6<br>EC: 203-049-8 | BCF                       | 3     |
|  | Pow Log                   | -1    |
|  | Potential                 | Low   |
| bronopol (INN)<br>CAS: 52-51-7<br>EC: 200-143-0              | BCF                       | 0.6   |
|  | Pow Log                   | -0.64 |
|  | Potential                 | Low   |

**12.4 Mobility in soil:**

| Identification   | Absorption/desorption |                      | Volatility |              |
|--|-----------------------|----------------------|------------|--------------|
|  |                       |                      |            |              |
| 2,2',2''-nitrioltriethanol<br>CAS: 102-71-6<br>EC: 203-049-8 | Koc                   | Not relevant         | Henry      | Not relevant |
|  | Conclusion            | Not relevant         | Dry soil   | Not relevant |
|  | Surface tension       | 4,524E-2 N/m (25 °C) | Moist soil | Not relevant |

**12.5 Results of PBT and vPvB assessment:**

Product does not meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product does not meet the criteria.

**12.7 Other adverse effects:**

Not described

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:**

| Code     | Description   | Waste class (Regulation (EU) No 1357/2014) |
|----------|---|--|
| 12 01 21 | spent grinding bodies and grinding materials other than those mentioned in 12 01 20 | Non-hazardous                              |

**Type of waste (Regulation (EU) No 1357/2014):**

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**PASTA POLERSKA B 200 - POLISHING PASTE B200****SECTION 13: DISPOSAL CONSIDERATIONS (continued)**

Not relevant

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION****Transport of dangerous goods by land:**

With regard to ADR 2023 and RID 2023:

- |  |               |
|--|---------------|
| <b>14.1 UN number or ID number:</b>                                  | Not relevant  |
| <b>14.2 UN proper shipping name:</b>                                 | Not relevant  |
| <b>14.3 Transport hazard class(es):</b>                              | Not relevant  |
| Labels:  | Not relevant  |
| <b>14.4 Packing group:</b>   | Not relevant  |
| <b>14.5 Environmental hazards:</b>                                   | No            |
| <b>14.6 Special precautions for user</b>                             |               |
| Special regulations:   | Not relevant  |
| Tunnel restriction code:   | Not relevant  |
| Physico-Chemical properties:   | see section 9 |
| Limited quantities:  | Not relevant  |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant  |

**Transport of dangerous goods by sea:**

With regard to IMDG 41-22:

- |  |               |
|--|---------------|
| <b>14.1 UN number or ID number:</b>                                  | Not relevant  |
| <b>14.2 UN proper shipping name:</b>                                 | Not relevant  |
| <b>14.3 Transport hazard class(es):</b>                              | Not relevant  |
| Labels:  | Not relevant  |
| <b>14.4 Packing group:</b>   | Not relevant  |
| <b>14.5 Marine pollutant:</b>  | No            |
| <b>14.6 Special precautions for user</b>                             |               |
| Special regulations:   | Not relevant  |
| EmS Codes:   |               |
| Physico-Chemical properties:   | see section 9 |
| Limited quantities:  | Not relevant  |
| Segregation group:   | Not relevant  |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant  |

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2024:

- CONTINUED ON NEXT PAGE -



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### PASTA POLERSKA B 200 - POLISHING PASTE B200

#### SECTION 14: TRANSPORT INFORMATION (continued)

|  |               |
|--|---------------|
| <b>14.1 UN number or ID number:</b>                                  | Not relevant  |
| <b>14.2 UN proper shipping name:</b>                                 | Not relevant  |
| <b>14.3 Transport hazard class(es):</b>                              | Not relevant  |
| Labels:  | Not relevant  |
| <b>14.4 Packing group:</b>   | Not relevant  |
| <b>14.5 Environmental hazards:</b>                                   | No            |
| <b>14.6 Special precautions for user</b>                             |               |
| Physico-Chemical properties:   | see section 9 |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant  |

#### SECTION 15: REGULATORY INFORMATION

##### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains bronopol (INN).
- Article 95, REGULATION (EU) No 528/2012: *bronopol (INN) (52-51-7) - PT: (2,6,11,12,22)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

##### Seveso III:

Not relevant

##### Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Not relevant

##### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

##### Other legislation:

The product could be affected by sectorial legislation

##### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

#### SECTION 16: OTHER INFORMATION

##### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

##### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

##### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

##### CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Dam. 1: H318 - Causes serious eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

STOT SE 3: H335 - May cause respiratory irritation.

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**PASTA POLERSKA B 200 - POLISHING PASTE B200****SECTION 16: OTHER INFORMATION (continued)****Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

<http://echa.europa.eu>  
<http://eur-lex.europa.eu>

**Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
LogPOW: Octanolwater partition coefficient  
Koc: Partition coefficient of organic carbon  
UFI: unique formula identifier  
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -