


<b>MIXTURE SAFETY DATA SHEET</b> Document drawn up in accordance with Regulation (EC) 1907/2006 (REACH) as amended		Page 1 of 7
		Version 1
	<b>BINDERWAR DRY</b>	Revised on: -
		Date of issuing: 14 May 2020

## **SECTION 1. Identification of the substance/mixture and of the company**

### **1.1. Product identifier**

Trade name: BINDERWAR DRY

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

Binder for agglomeration of e.g. copper ore, coal, additives for metal smelting, etc., superplasticiser for concrete, additive for refractory materials, ceramics, fertilisers and feed.

Raw material for the production of organic shooting discs.

Only for professional use.

#### **Uses advised against**

None.

### **1.3. Details of the supplier of the material safety data sheet**

WARTER Sp. z o.o.

Branch in Kędzierzyn-Koźle

ul. Szkolna 15, 47-225 Kędzierzyn-Koźle

Contact regarding the safety data sheet: [dyrektor.kk@warter.pl](mailto:dyrektor.kk@warter.pl)

### **1.4. Emergency telephone number**

Emergency number: 112

## **SECTION 2. Hazards identification**

### **2.1. Classification of the substance or mixture according to Regulation (EC) 1272/2008 (CLP)**

The product is not classified as hazardous.

### **2.2. Marking elements**

The product does not require marking.

### **2.3. Other hazards**

The mixture does not meet the criteria for PBT or vPvB according to Annex XIII.


## **SECTION 3. Composition/Information on ingredients**

### **3.1. Substances**

Not applicable

### **3.2. Mixtures**

The product is a mixture of substances of natural origin, mainly sugar substances and other substances derived from wood, such as starch, lignin, and pectin. It contains about 60% (expressed as total dissolved solids) of monosaccharides, mainly hexoses and pentoses. The product does not contain substances presenting a health or environmental hazard within the meaning of Regulation (EC) 1272/2008.

<b>MIXTURE SAFETY DATA SHEET</b>		Page 2 of 7
Document drawn up in accordance with Regulation (EC) 1907/2006 (REACH) as amended		Version 1
	<b>BINDERWAR DRY</b>	Revised on: -
		Date of issuing: 14 May 2020

#### **SECTION 4. First aid measures**

##### **4.1. Description of first aid measures**

No immediate medical attention is needed.

##### **Ingestion**

If consumed, drink one or two glasses of water. Provide fresh air. In case of persistent ailments, contact a doctor.

##### **Inhalation**

Provide fresh air.

##### **Skin contact**

In case of contact with skin, remove contaminated clothing and wash the skin with soap and water.

##### **Eye contact**

Should the product get directly in your eyes, rinse them immediately with plenty of water. If irritation occurs, consult an ophthalmologist.

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

None.

##### **4.3. Indications of any immediate medical attention and special treatment needed**

The product does not pose a hazard to health.

#### **SECTION 5. Firefighting measures**

##### **5.1. Extinguishing media**

Use extinguishing agents suitable for the environment. Publicly available extinguishing agents may be used.

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

Hazards related to exposure arising from the properties of the mixture: the product may burn; thermal decomposition produces CO<sub>2</sub> and H<sub>2</sub>O.

##### **5.3. Advice for fire-fighters**

Special protective equipment for firefighters: do not inhale the gases produced during fires. Use protective clothing and respiratory protective masks with a gas vapour absorber if necessary.

#### **SECTION 6. Accidental release measures**

##### **6.1. Individual precautions, protective equipment and emergency procedures**


###### **General advice**

Use personal protection equipment.

##### **6.2. Environmental precautions:**

Prevent the product from entering drains, water or soil. As a last resort, rinse with plenty of water.

##### **6.3. Methods and material for containment and cleaning up**

<b>MIXTURE SAFETY DATA SHEET</b> Document drawn up in accordance with Regulation (EC) 1907/2006 (REACH) as amended		Page 3 of 7
		Version 1
	<b>BINDERWAR DRY</b>	Revised on: -
		Date of issuing: 14 May 2020

Put the damaged packaging in the emergency packaging. Collect the released product in a closed waste container. Dispose in accordance with applicable regulations.

## **SECTION 7. Handling and storage**

### **7.1. Precautions for safe handling**

Store the product in tight, well-sealed containers. Do not allow to freeze (this may impair product stability). Store in ventilated rooms at 1 to 50 °C.

### **7.2. Conditions for safe storage, including any incompatibilities**

No special requirements.

### **7.3. Specific end use(s)**

See Section 1.2. of this safety data sheet.

## **SECTION 8. Exposure controls/Personal protection**

### **8.1. Control parameters**

The product does not contain substances that require monitoring at the workplace. The personal protective equipment used should meet the requirements of Article 9 of the Act of 30 August 2002 on the conformity assessment system (Dz. U. [Journal of Laws] of 2002, No. 166, item 1360).

### **8.2. Exposure controls**

**Eye or face protection:** It is recommended to wear glasses or face protection to protect against possible dusting.

**Skin protection:** Protective work clothing.

**Respiratory protection:** Under normal conditions and when used in accordance with the manufacturer's instructions, respiratory protection is not necessary.

**Hand protection:** Use neoprene gloves.


**Thermal hazards:** none.

**Environmental exposure controls:** Prevent the product from entering drains, water or soil.

## **SECTION 9 Physical and chemical properties**

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

- a) Appearance: light brown powder
- b) Odour: "forest"
- c) Odour threshold: no data available
- d) pH: 5,0 ( 1% solution)
- e) Melting/Freezing point: no data available
- f) Initial boiling point: not applicable
- g) Flash point: not applicable

<b>MIXTURE SAFETY DATA SHEET</b>		Page 4 of 7
Document drawn up in accordance with Regulation (EC) 1907/2006 (REACH) as amended		Version 1
	<b>BINDERWAR DRY</b>	Revised on: -
		Date of issuing: 14 May 2020

- h) Evaporation rate: not applicable
- i) Flammability: not applicable
- j) Upper/Lower flammability or explosive limits: not applicable
- k) Vapour pressure: not applicable
- l) Vapour density: not applicable
- m) Relative density: 1,168 g/cm<sup>3</sup>
- n) Solubility in water:
- o) Partition coefficient: not applicable
- p) Auto-ignition temperature: no data available
- q) Decomposition temperature: no data available
- r) Viscosity: not applicable
- s) Explosive properties: not applicable
- t) Oxidising properties: not applicable

## **SECTION 10. Stability and reactivity**

### **10.1. Reactivity**

No data available.

### **10.2. Chemical stability**

The product is chemically stable under proper storage conditions.

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

Not known.

### **10.4. Conditions to avoid**

No special requirements.

### **10.5. Incompatible materials**

No data available.

### **10.6. Hazardous decomposition products**

No thermal decomposition under normal conditions of use. To avoid thermal decomposition, do not overheat. Do not allow the product to freeze (this may impair its stability).

## **SECTION 11. Toxicological information**

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


No toxicity studies on this product have been conducted. According to the classification criteria of Regulation (EC) No 1272/2008 (as amended) the product is not classified as hazardous.

#### **Acute toxicity**

No data available.

#### **Skin corrosion/irritation**

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

<b>MIXTURE SAFETY DATA SHEET</b> Document drawn up in accordance with Regulation (EC) 1907/2006 (REACH) as amended		Page 5 of 7
		Version 1
		Revised on: -
	<b>BINDERWAR DRY</b>	Date of issuing: 14 May 2020

**Serious eye damage/irritation**

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

**Respiratory or skin sensitisation**

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

**Germ cell mutagenicity**

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

**Carcinogenicity**

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

**Reproductive toxicity**

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

**Specific target organ toxicity – single exposure**

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

**Specific target organ toxicity – repeated exposure**

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

**Aspiration hazard**

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

**SECTION 12. Ecological information****12.1. Toxicity**

No data available for the product.

**12.2. Persistence and degradability**

The substances in the mixture are not capable of degradation in the environment through biodegradation or other processes such as oxidation or hydrolysis.

**12.3. Bio-accumulative potential**

There is no bio-accumulation of the product in the environment.

**12.4. Mobility in soil**

No data available for the product.


**SECTION 13. Disposal considerations****13.1. Waste treatment methods**

Collect the spilled material in a replacement packaging. Dispose of in accordance with applicable regulations.

**SECTION 14. Transport information**

The product is not a hazardous material according to ADR/RID regulations.


Carriage on a car platform in unit packages, in accordance with the applicable transport regulations.

<b>MIXTURE SAFETY DATA SHEET</b>		Page 6 of 7
Document drawn up in accordance with Regulation (EC) 1907/2006 (REACH) as amended		Version 1
	<b>BINDERWAR DRY</b>	Revised on: -
		Date of issuing: 14 May 2020

## **SECTION 15. Regulatory information**

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

- Chemical Substances and their Mixtures Act of 25 February 2011 (Dz. U. of 2011, No. 63, item 322, as amended)
- Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of chemicals (REACH), as amended
- Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended
- Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the Exposure Limit Values and Intensity of Harmful Factors at Work (Dz. U. [Journal of Laws] of 2018, No. 0, item 1286, as amended)
- Regulation of the Minister of Health of 2 February 2011 on Tests and Measurements of Harmful Factors at Work (Dz. U. [Journal of Laws] of 2011, No. 33, item 166, as amended)
- Act of 30 August 2002 on the conformity assessment system (Dz. U. [Journal of Laws] of 2002, No. 166, item 1360)
- Regulation of the Minister of Health of 24 July 2012 on Chemical Substances and their Mixtures, Factors or Technological Processes with Carcinogenic or Mutagenic Effects at Work (Dz. U. [Journal of Laws] of 2012, No. 0, item 890, as amended)
- Regulation of the Minister of Health and Social Welfare of 30 May 1996 on Medical Examination of Employees, Scope of Preventive Health Care for Employees and Medical Certificates Issued for the Purposes Provided for in the Labour Code (Dz. U. of 1996, No. 69, item 332, as amended);
- Regulation of the Minister of Labour and Social Policy of 26 September 1997 on General Occupational Health and Safety Regulations (consolidated text, Dz. U. [Journal of Laws] of 1997, No. 129, item 844, as amended)
- Regulation of the Minister of Health of 30 December 2004 on Occupational Health and Safety Regulations Related to the Presence of Chemical Agents at Work (Dz. U. [Journal of Laws] of 2005, No. 11, item 86, as amended)
- Fire Protection Act of 24 August 1991 (consolidated text, Dz. U. [Journal of Laws] of 1991, No. 81, item 351, as amended)
- Dangerous Goods Carriage Act of 19 August 2011 (Dz. U. [Journal of Laws] of 2011, No. 227, item 1367, as amended)
- Waste Act of 14 December 2012 (Dz. U. [Journal of Laws] of 2013 No. 0, item 21)

<b>MIXTURE SAFETY DATA SHEET</b>		Page 7 of 7
Document drawn up in accordance with Regulation (EC) 1907/2006 (REACH) as amended		Version 1
	<b>BINDERWAR DRY</b>	Revised on: -
		Date of issuing: 14 May 2020

**SECTION 16. Other information**

The information in this safety sheet is based on available data and our current knowledge and experience. They characterise the product in terms of appropriate safety measures. The information contained herein is not a guarantee of technical parameters or suitability for particular applications.