

**Safety data sheet according to EU Regulation 1907/2006, amended according to Regulation EU 2015/830**

Trade name: Dupla Ground nature Basic 5 kg, 10 kg &amp; 20 kg Art.

no.: 80791, 80792, 80793

**Manufacturer:** Dohse Aquaristik GmbH & Co. KG, Otto Hahn Str. 9, D-53501 Grafschaft Gelsdorf, Phone:+49(0)2225-94150**Supersedes version no.:** 5 of 2014 / **Created on:** 06.09.2014 / **Modified on:** 15.02.2019 / **Print date:** 20.09.2022"\*\*\*" changes compared to predecessor, **n.a.** = not applicable, **n.v.** = not available

<b>1</b>	<b>Identification of the substance/preparation and of the company/undertaking</b>	
<b>1.1</b>	<b>Product identifier</b>	
	<b>Trade name:</b>	Dupla Ground nature Basic 5 kg Dupla Ground nature Basic 10 kg Dupla Ground nature Basic 20 kg
	<b>Article no:</b>	80791, 80792, 80793
	<b>Product name:</b>	Expanded clay, crushed sand
<b>1.2</b>	<b>Relevant identified use of the substance or mixture and use, of which are discouraged</b>	
	<b>Use of the product:</b>	Substrate for aquariums
	<b>Uses advised against:</b>	Not known
<b>1.3</b>	<b>Details of the supplier providing the safety data sheet</b>	
	<b>Name of the company:</b>	Dohse Aquaristik GmbH & Co KG Otto Hahn Str. 9 D-53501 County Gelsdorf
	<b>Phone:</b>	+49(0)2225-94150
	<b>Fax:</b>	+49(0)2225-946494
	<b>eMail:</b>	<a href="mailto:info@dohse-aquaristik.de">info@dohse-aquaristik.de</a>
<b>1.4</b>	<b>Emergency number</b>	Emergency telephone of the manufacturer / supplier: Mon.-Thu. 7.30-16.30 Fri. 7.30- 13.00 +49(0)2225-94150
<b>2</b>	<b>Possible dangers</b>	
<b>2.1</b>	<b>Classification of the substance or mixture</b>	
	<b>Regulation (EC) No 1272/2008:</b>	none
<b>2.2</b>	<b>Labelling elements</b>	
	not applicable	
<b>2.3</b>	<b>Other hazards</b>	
	The product does not meet the criteria for classification as PBT or vPvB.	
	The product contains quartz that is not subject to labelling requirements	
	<b>Hint:</b>	Long-term, repeated inhalation of alveolar common quartz fine dust can lead to pneumoconiosis (silicosis) Alveolar common quartz fine dust < 10 % STOT RE 2 H 373
	(For the wording of the listed hazard statements see section 16)	

**Safety data sheet according to EU Regulation 1907/2006, amended according to Regulation EU 2015/830**

Trade name: Dupla Ground nature Basic 5 kg, 10 kg &amp; 20 kg Art.

no.: 80791, 80792, 80793

**Manufacturer:** Dohse Aquaristik GmbH & Co. KG, Otto Hahn Str. 9, D-53501 Grafenschaft Gelsdorf, Phone:+49(0)2225-94150**Supersedes version no.:** 5 of 2014 / **Created on:** 06.09.2014 / **Modified on:** 15.02.2019 / **Print date:** 20.09.2022

\*\*\*\* changes compared to predecessor, n.a. = not applicable, n.v. = not available

<b>3</b>	<b>Composition / information on ingredients</b>			
<b>3.2.</b>	<b>Mixtures</b>			
	<b>Products:</b>	Crushed sands		
	<b>Chem. composition:</b>	Alumino-, ferro- and Ca-silicates: > 80 % Quartz :< 20 %		
<b>3.3</b>	<b>Registration numbers</b>			
	<b>Name:</b>	<b>EINECS:</b>	<b>CAS:</b>	<b>EU classification:</b>
	(Al, Fe, Ca) silicate	not applicable	1302-76-7	Not classified
	Quartz	238-878-4	14808-60-7	Not classified
				> 80 %
				< 20 %
<b>4</b>	<b>First aid measures</b>			
<b>4.1</b>	<b>Description of the first aid measures</b>			
	<b>After skin contact (dust):</b>	Wash off with soap and water		
	<b>After eye contact (dust):</b>	Rinse thoroughly with running water with the eyelids open, remove contact lenses.		
	<b>After ingestion (unlikely route of exposure):</b>	Rinse mouth with water, do not swallow water Then make the patient drink water in small sips		
	<b>Inhalation (dust):</b>	Get some fresh air		
<b>5</b>	<b>Fire fighting measures</b>			
<b>5.1</b>	<b>Extinguishing agent</b>			
	<b>Suitable extinguishing media:</b>	No restrictions		
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>			
	none			
<b>5.3</b>	<b>Advice for firefighters:</b>			
	Product itself does not burn. Adapt extinguishing measures to the surroundings. Do not allow extinguishing water to reach the sewage system.			
<b>6</b>	<b>Accidental release measures</b>			
<b>6.1</b>	<b>Personal precautions, protective equipment and in emergencies procedure to be applied:</b>			
	Avoid dust formation.			
	Personal protective equipment:			
	<b>Hand protection:</b>	Gloves recommended		
	<b>Eye protection (in case of dust formation):</b>	Wear safety goggles		
	<b>Inhalation (in case of dust formation):</b>	Wear P2 dust mask (DIN 3181)		
<b>6.2</b>	<b>Environmental protection measures</b>			
	Environmental protection measures			
<b>6.3</b>	<b>Methods and material for retention and cleaning:</b>			
	<b>Cleaning methods:</b>			
	Pick up mechanically, avoid dust formation			

**Safety data sheet according to EU Regulation 1907/2006, amended according to Regulation EU 2015/830**

Trade name: Dupla Ground nature Basic 5 kg, 10 kg &amp; 20 kg Art.

no.: 80791, 80792, 80793

**Manufacturer:** Dohse Aquaristik GmbH & Co. KG, Otto Hahn Str. 9, D-53501 Grafenschaft Gelsdorf, Phone:+49(0)2225-94150**Supersedes version no.:** 5 of 2014 / **Created on:** 06.09.2014 / **Modified on:** 15.02.2019 / **Print date:** 20.09.2022

\*\*\*\* changes compared to predecessor, n.a. = not applicable, n.v. = not available

<b>7</b>	<b>Handling and storage</b>		
<b>7.1</b>	<b>Protective measures for safe handling</b>		
	<b>Measures to prevent dusts and aerosols</b>		
	<b>It is recommended that all working practices be designed to exclude the following is:</b>	Dust formation - Inhalation of dusts/particles - Dust deposits -> Clean workplace regularly Ensure good room ventilation	
	<b>General hygiene measures at the workplace:</b>		
	Do not eat, drink or smoke in areas where work is being done. Wash hands after use.		
	Remove dusty clothing and protective equipment before entering areas where food is being eaten.		
<b>7.2</b>	<b>Conditions for safe storage taking into account incompatibilities</b>		
	<b>According to the area of application:</b>	dry	
<b>7.3</b>	<b>Specific end uses</b>		
	When pumping with air, do not exceed a pressure of max. 1.5 bar. (increased dust formation due to abrasion)		
<b>8</b>	<b>Limitation and supervision of exposure / Personal protective equipment</b>		
<b>8.1</b>	<b>Parameters to be monitored</b>		
	<b>Occupational exposure limit values and/or biological limit values Occupational exposure limit values (AGW) Germany</b>		
	<b>General dust limit:</b>	10 mg/m <sup>3</sup>	inhalable fraction
		3 mg/m <sup>3</sup>	Alveolar fraction
	<b>Quartz</b> :	0.15 mg/m <sup>3</sup>	Alveolus-going Group
<b>8.2</b>	<b>Exposure controls and monitoring</b>		
	Technical measures and the use of appropriate work procedures take precedence over the use of personal protective equipment.		
	<b>Individual protective measures - personal protective equipment</b>		
	See 6.1		
<b>9</b>	<b>Physical and chemical properties</b>		
<b>9.1</b>	<b>Information on the basic physical and chemical properties</b>		
	<b>Appearance:</b>	Crushed sand: grain sizes 0 to 4 mm	
	<b>Colour:</b>	beige, grey-brown to red	
	<b>Odour:</b>	No specific odour	
	<b>pH (eluate 100 g in 900 ml water):</b>	7-9	
	<b>Grain bulk density (DIN EN 1097-1):</b>	0.4 to 1.8 kg/dm <sup>3</sup>	
	<b>Bulk density (DIN EN 1097-3):</b>	0.2 to 1.0 kg/dm <sup>3</sup>	
	<b>Melting point (change of state):</b>	Softening from 1200 °C	
<b>9.2</b>	<b>Other information</b>		
	<b>Additional information:</b>	None.	

**Safety data sheet according to EU Regulation 1907/2006, amended according to Regulation EU 2015/830**

Trade name: Dupla Ground nature Basic 5 kg, 10 kg &amp; 20 kg Art.

no.: 80791, 80792, 80793

**Manufacturer:** Dohse Aquaristik GmbH & Co. KG, Otto Hahn Str. 9, D-53501 Grafenschaft Gelsdorf, Phone:+49(0)2225-94150**Supersedes version no.:** 5 of 2014 / **Created on:** 06.09.2014 / **Modified on:** 15.02.2019 / **Print date:** 20.09.2022

\*\*\* changes compared to predecessor, n.a. = not applicable, n.v. = not available

<b>10</b>	<b>Stability and reactivity</b>	
	Not applicable, the mixture does not contain any hazardous ingredients.	
<b>11</b>	<b>Toxicological information</b>	
	Not applicable, according to the experience gained so far, the Product has no toxic effect	
<b>12</b>	<b>Environmental information</b>	
	Not applicable, the mixture does not contain any hazardous ingredients.	
<b>13</b>	<b>Notes on disposal</b>	
<b>13.1</b>	<b>Waste treatment process</b>	
	Disposal in accordance with official regulations	
	<b>EAK/AVV waste code:</b>	10 12 99 Wastes from ceramic products not otherwise specified
<b>14</b>	<b>Transport information</b>	
	No dangerous goods in the sense of the transport regulations	
<b>15</b>	<b>Legislation</b>	
<b>15.1</b>	<b>Regulations on safety, health and environmental protection/ Specific legislation for the substance or mixture</b>	
	EU regulations	
	<b>Restrictions under Title VIII of the Regulation (EU) 830/2015:</b>	None
	<b>National regulations (Germany)</b>	
	<b>Technical rules for hazardous substances:</b>	TRGS 559 Mineral dust TRGS 900: Occupational exposure limit value
	<b>Chemical safety assessment:</b>	The product has not been subjected to a safety assessment
	<b>Chemical Safety Assessment</b>	
	No chemical safety assessment has been carried out by the supplier for the substance or mixture. carried out.	

**Safety data sheet according to EU Regulation 1907/2006, amended according to Regulation EU 2015/830**

Trade name: Dupla Ground nature Basic 5 kg, 10 kg &amp; 20 kg Art.

no.: 80791, 80792, 80793

**Manufacturer:** Dohse Aquaristik GmbH & Co. KG, Otto Hahn Str. 9, D-53501 Grafenschaft Gelsdorf, Phone:+49(0)2225-94150**Supersedes version no.:** 5 of 2014 / **Created on:** 06.09.2014 / **Modified on:** 15.02.2019 / **Print date:** 20.09.2022"\*\*\*" changes compared to predecessor, **n.a.** = not applicable, **n.v.** = not available

<b>16</b>	<b>Other information</b>		
	Editorial corrections		
	<b>Abbreviations</b>		
	<b>EU:</b>	European Union	
	<b>EN:</b>	European Standard	
	<b>ISO:</b>	Standard of the International Standards Organization	
	<b>PBT:</b>	Persistent, Bioaccumulative, Toxic	
	<b>TRGS:</b>	Technical rules for hazardous substances	
	<b>UN:</b>	United Nations	
	<b>vPvB:</b>	very persistent and very bioaccumulable	
	<b>Wording of the H and R phrases, hazard statements, safety phrases and/or precautionary statements referred to in sections 2 to 15 in accordance with Regulation (EU) 1272/2008.</b>		
	<b>Quartz fine dust</b>		
	< 10% STOT RE 2	H 373	May cause damage to the respiratory tract in case of prolonged or repeated exposure (silicosis)
	<b>Training for workers:</b>	The user shall provide adequate information, instructions and training.	

End of the document