

**5 Safety data sheet (according to regulations (EC) 1907/2006, 1272/2008 , 453/2010 Trade**

name: HOBBY Aqualit 3 l / 12 / 25 kg

Art.no.: 40100 / 40150 / 40160

**Manufacturer:** Dohse Aquaristik GmbH & Co. KG, Otto Hahn Str. 9, D-53501 Grafschaft Gelsdorf, Phone: 02225-94150**Version no.:** 1 / **Created on:** 01.06.2015 / **Print date:** 21/03/2018

<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>	HOBBY Aqualit 3 l / 12 / 25 kg			
	<b>Article no:</b>	40100 / 40150 / 40160			
	<b>Registration number:</b>	pre-registered under SR346120-27 / but according to Annex V.7 Exempt from the obligation to register			
	<b>Chemical name / Synonyms:</b>	Calcined clay			
<b>1.2</b>	<b>Relevant identified use of the substance or mixture and use, of which are discouraged</b>				
	<b>Use of the substance / the Mixture :</b>	Lime-free substrate for aquariums			
	<b>Uses from which is discouraged:</b>	There is no information available on uses of which are discouraged.			
<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>	02225-94150			
	<b>Fax:</b>	02225-946494			
	<b>eMail:</b>	<a href="mailto:info@dohse-aquaristik.de">info@dohse-aquaristik.de</a>			
	<b>Availability:</b>	Mon.-Thurs. 7.30-16.30 Fri. 7.30-13.00			
<b>1.4</b>	<b>Emergency number:</b>	02225-94150			
	<b>Accessible outside the Office hours:</b>	( ) Yes (X) No			
<b>2</b>	<b>Possible dangers</b>				
<b>2.1</b>	<b>Classification of the substance or mixture</b>				
	Calcined clay does not meet the criteria for classification as a dangerous substance under EU-Directive 67/548 EEC				
	according to Regulation (EC) 1272/2008 : Not classified.				
<b>2.2</b>	<b>Labelling elements</b>				
	Not subject to labelling.				
<b>2.3</b>	<b>Other hazards</b>				
	There is no information available.				
<b>3</b>	<b>Composition / information on ingredients</b>				
<b>3.1</b>	<b>Chemical composition</b>				
	Calcined aluminium silicate - Al <sub>2</sub> O <sub>3</sub> 2SiO <sub>2</sub>				
<b>3.2</b>	<b>Components</b>				
	<b>Name:</b>	<b>Weight share:</b>	<b>CAS-NR:</b>	<b>EINECS NO.:</b>	<b>EU classification:</b>
	Calcined clay	100%	92704-41-1	296-473-8	No classification
	<b>Natural mineralogical components</b>				
	<b>Name:</b>	<b>Weight share:</b>	<b>CAS-NR:</b>	<b>EINECS NO.:</b>	<b>EU classification:</b>
	Mullite	-/-	1302-93-8	215-113-2	No classification
	Cristobalite	-/-	14464-46-1	238-455-4	No classification
	Quartz	-/-	14808-60-7	238-878-4	No classification
<b>3.3</b>	<b>Calcined clay may contain free crystalline quartz (not covered by Annex 1 to the EU Directive 67/548/EC) In quantities up to x%.</b>				

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<b>4</b>	<b>First aid measures</b>	
	<b>No special precautions are required, nor are there any special instructions for First aider</b>	
	<b>After inhalation:</b>	Move away from the source of dust into fresh air. When symptoms occur, consult a doctor!
	<b>After skin contact:</b>	Wash off with soap and water, then rinse with water. rinse off
	<b>After eye contact:</b>	In case of direct contact, rinse the affected eye with clean water. If irritation occurs, see a doctor!
	<b>After ingestion:</b>	No special measures required
<b>5</b>	<b>Fire fighting measures</b>	
	<b>Non-flammable, non-explosive. No hazardous substances are released in case of fire.</b>	
<b>6</b>	<b>Accidental release measures</b>	
<b>6.1</b>	<b>Personal precautions</b>	
	If you are exposed for a long period of time or to high concentrations of airborne dust, wear a respiratory mask in accordance with national regulations!	
<b>6.2</b>	<b>Environmental protection measures:</b>	
	No special precautions	
<b>6.3</b>	<b>Methods and material for retention and cleaning:</b>	
	Avoid dry sweeping and use a water spray or extraction system to Prevent dust formation!	
<b>7</b>	<b>Handling and storage</b>	
<b>7.1</b>	<b>Notes on safe handling</b>	
	No special precautions are required with regard to handling. Avoid unnecessary dust generation and accumulation! In case of insufficient ventilation, wear appropriate respiratory equipment! Kaolinitic clay can be handled with bare hands without the use of gloves, but gloves are recommended in order not to damage the skin. to dry out. An apron should also be worn to protect the body.	
<b>7.2</b>	<b>Storage instructions</b>	
	NO special measures required. Ensure adequate ventilation and store bags in such a way that they cannot be accidentally damaged! Avoid, that the bags get wet to ensure the integrity of the packaging.	
<b>7.3</b>	<b>Specific use(s)</b>	
	No special technical measures or precautions. When mixing with other Substances Follow the handling instructions above.	

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<b>8</b>	<b>Exposure controls / Personal protective equipment</b>	
<b>8.1</b>	<b>Exposure limit values</b>	
	Observe the provision for dust (inhalable and respirable) as well as for respirable quartz. Please refer to Annex 1 (enclosed) for the respective national exposure limit values.	
<b>8.2</b>	<b>Exposure controls and monitoring</b>	
	<b>Occupational exposure controls and monitoring</b>	
	Use local extraction units to keep the concentration of fly ash below the permissible exposure limit! Wash your hands before breaks and at the end of working hours. Remove and wash soiled clothing.	
	<b>Respiratory protection:</b>	If you are exposed to dust for a long period of time, wear a respiratory mask in accordance with national regulations!
	<b>Limitation and monitoring of environmental exposure</b>	
	No special requirements	
<b>9</b>	<b>Physical and chemical properties</b>	
<b>9.1</b>	<b>Information on the basic physical and chemical properties</b>	
	<b>State of aggregation:</b>	solid (loose, in chunks, granules or as powder)
	<b>Colour:</b>	grey
	<b>Odour:</b>	odourless
<b>9.2</b>	<b>Important health, safety and environmental information</b>	
	<b>Density:</b>	2 - 3 g/cm <sup>3</sup>
	<b>Bulk density:</b>	0.2 - 0.8 g/cm <sup>3</sup>
	<b>Melting point:</b>	>1700 ° C
	<b>Boiling point:</b>	not applicable
	<b>Flash point:</b>	non flammable
	<b>Explosion hazard:</b>	not explosive
	<b>Solubility in water:</b>	slight (<10-2 g/l)
	<b>Solubility in hydrofluoric acid:</b>	yes
	<b>pH value in water (100 g/l):</b>	approx. 5 - 8
<b>10</b>	<b>Stability and reactivity</b>	
	Calcined clay is chemically stable when diluted acids and alkalis are involved. None special incompatibilities, no degradation products	

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<b>11</b>	<b>Toxicological information</b>	
<b>11.1</b>	<b>Acute effects</b>	
	<b>Skin irritation:</b>	Not irritating to skin
	<b>Eye irritation:</b>	Slight eye irritation possible (according to the modified Kay & Calandra criteria)
<b>11.2</b>	<b>Chronic effects</b>	
	<b>Prolonged inhalation of respirable quartz</b>	
	In 1997, the IARC (International Agency for Research on Cancer) concluded that occupational inhalation of quartz can cause lung cancer in humans, but pointed out that this did not apply to all workplace conditions in the respective industries, nor did it apply equally to all types of quartz ( IARC Monograph on the Assessment of Risks to Humans from Carcinogenic Chemicals, Silicon, Silica Dust, and organic fibres, 1997, Vol.68, IARC, Lyon, France)	
	In June 2003, the SCOEL (EU Scientific Committee on Occupational Exposure Limits) concluded that inhalation of respirable silica dust primarily causes silicosis. (rock dust disease). "There is sufficient evidence that the risk of developing lung cancer is increased in people suffering from silicosis (and apparently not in workers without silicosis who are exposed to quartz dust in mines and in the ceramic industry). Therefore, preventing silicosis also reduces the risk of cancer. "(SCOEL SUM Doc-94-final, June 2003). There is expert opinion supporting the thesis that the increased cancer risk is limited to those already suffering from silicosis. Workers should therefore be protected by complying with existing workplace-related exposure limits and, where necessary, by additional Protective measures against silicosis (see section 16)	
<b>12</b>	<b>Environmental information</b>	
	No particular adverse effects known	
	Calcined clay is not classified as hazardous to water in the sense of §19gAbs5 WHG (Kenn-Nr.765) (Federal Water Act (Wasserhaushaltsgesetz WHG))	
<b>13</b>	<b>Notes on disposal</b>	
<b>13.1</b>	<b>Elimination of residues / unused products</b>	
	Can be disposed of in landfills according to local regulations. The material should be buried to avoid the release of respirable fly ash. If possible, recycling preferable to disposal	
<b>13.2</b>	<b>Packing</b>	
	No special requirements. In any case, dust formation due to residues in the packaging should be prevented and adequate protection of workers should be ensured. Recycling and disposal of the packaging should be carried out by specialist companies.	
<b>14</b>	<b>Transport information</b>	
	No special regulatory measures required, as not classified as dangerous goods. Avoid dust turbulence!	
<b>15</b>	<b>Legislation</b>	
	<b>National laws/requirements:</b>	
	Not known. Based on the data available to us, calcined clay is not a hazardous preparation in the sense of the Ordinance on Hazardous Substances (GefStoffV) of 23.12.2004, last amendment of 06.03.2007. Exempt from REACH registration according to Annex V.7	

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16	Other information
	<b>Training</b>
	Employees must be made aware of the presence of quartz and trained in proper The user must be trained in the use and handling of this product.
	<b>Social dialogue on respirable fine quartz dust</b>
	An intersectoral social dialogue agreement on worker health protection through the proper handling and use of quartz and quartz-containing products was signed on 25 April 2006. This autonomous agreement, which is financially supported by the European Commission, is based on the relevant Good Practices Rules. The measures of this agreement entered into force on 25 October 2006. The Agreement was published in the Official Journal of the European Union (2006/C 279/02). The text of the Agreement and the corresponding Annexes, including the Good Practices Rules, can be found at <a href="http://www.nespi.eu">http://www.nespi.eu</a> and contains useful information and guidance for the management of products containing respirable quartz.
	<b>Liability</b>
	This information is given to the best of the manufacturer's knowledge and belief as of the date stated. However, no warranty is given as to its accuracy, reliability or completeness. It is the responsibility of the user to ensure that this information is appropriate for his particular application. application are suitable and complete.

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