

**Safety data sheet according to Regulation 1907/2006/EC, Article 31**

**Product name:** HOBBY Microcell 20 ml / 240 ml

**Art.:No. :** 30310 / 30400

**Manufacturer / Supplier:** Dohse Aquaristik GmbH & Co. KG - Otto Hahn Str. 9 - D-53501 Grafschaft- Gelsdorf - Phone: 02225-94150

**Date of issue:** 11.05.2020 **Version:** 1 - **Print date:** 01.09.2022- **Revision:** -/-

<b>1 Identification of the substance/mixture and of the company/undertaking</b>	
<b>1.1</b>	<b>Product identifier</b>
	<b>Trade name:</b> HOBBY Microcell 20 ml / 240 ml
	<b>Item number:</b> 30310 - 20 ml 30400 - 240 ml
<b>1.2</b>	<b>Use of the substance / the Mixture:</b> Dust rearing food for Artemia nauplii and invertebrates
	<b>Relevant identified uses of the substance or mixture advised against will:</b> No further relevant information available.
<b>1.3</b>	<b>Details of the supplier providing the safety data sheet</b>
	<b>Manufacturer/Supplier:</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> info@dohse-aquaristik.de
	<b>Information-giving area:</b> info@dohse-aquaristik.de
<b>1.4</b>	<b>Emergency number:</b> +49(0)2225-94150
	<b>Availability:</b> Mon.-Thurs.: 7.30-16.30 / Fri.: 7.30-13.00
<b>2 Possible dangers</b>	
<b>2.1</b>	<b>Classification of the substance or mixture</b>
	Classification according to Regulation (EC) No 1272/2008
	The product is not classified according to the CLP Regulation.
<b>2.2</b>	<b>Labelling elements</b>
	<b>Labelling according to Regulation (EC) No 1272/2008:</b> not applicable
	<b>Hazard pictograms:</b> not applicable
	<b>Signal word:</b> not applicable
	<b>Hazard-determining components the labelling:</b> not applicable
	<b>Hazard statements:</b> not applicable
<b>2.3</b>	<b>Other hazards</b>
	<b>Results of the PBT and vPvB assessment</b>
	<b>PBT:</b> Not applicable.
	<b>vPvB:</b> Not applicable.
<b>3 Composition/information on ingredients</b>	
<b>3.1</b>	<b>Chemical characterisation:</b> Mixtures
	<b>Description:</b> Mixture of harmless admixtures.
	<b>Hazardous ingredients:</b> not applicable
	<b>Additional information:</b> The wording of the listed hazard statements can be found in section 16.

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<b>4</b>	<b>First aid measures</b>	
<b>4.1</b>	<b>Description of the first aid measures</b>	
	<b>General notes:</b>	No special measures required
	<b>after inhalation:</b>	Not applicable
	<b>after skin contact:</b>	In general, the product is not irritating to the skin.
	<b>after eye contact:</b>	Rinse opened eye for several minutes with running water.
	<b>after ingestion:</b>	Make sure you drink plenty of water. If symptoms persist Consult a doctor.
<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>	
	No further relevant information available.	
<b>4.3</b>	<b>Indications for immediate medical help or special treatment</b>	
	No further relevant information available.	
<b>5</b>	<b>Fire fighting measures</b>	
<b>5.1</b>	<b>Extinguishing agent</b>	
	<b>Suitable extinguishing media:</b>	CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.
<b>5.2</b>	<b>Special hazards arising from the substance or mixture</b>	
	No further relevant information available.	
<b>5.3</b>	<b>Advice for firefighters</b>	
	<b>Special protective equipment:</b>	No special measures required.
<b>6</b>	<b>Accidental release measures</b>	
<b>6.1</b>	<b>Personal precautions, protective equipment and in emergencies procedures to be followed</b>	
	Not required.	
<b>6.2</b>	<b>Environmental protection measures</b>	
	No special measures required.	
<b>6.3</b>	<b>Methods and material for retention and cleaning:</b>	
	With liquid-binding material (sand, diatomaceous earth, acid binders, universal binders, sawdust). record.	
<b>6.4</b>	<b>Reference to other sections</b>	
	For information on safe handling, see section 7. For information on personal protective equipment, see section 8. For information on disposal, see section 13.	

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<b>7 Handling and storage</b>	
<b>7.1</b>	<b>Protective measures for safe handling</b>
	No special measures required.
	<b>Notes on fire and explosion protection:</b> No special measures required.
<b>7.2</b>	<b>Conditions for safe storage taking into account incompatibilities</b>
	<b>Storage:</b>
	<b>Requirement for storage rooms and containers:</b> No special requirements.
	<b>Storage in one place:</b> Not required
	<b>Further information on storage conditions:</b> None.
	<b>Recommended storage temperature:</b> 1-40 °C
	<b>Storage class:</b> -/-
	<b>Classification according to the German Ordinance on Industrial Safety and Health (BetrSichV):</b> -/-
<b>7.3</b>	<b>Specific end uses</b>
	Liquid rearing food for Artemia nauplii and invertebrates
<b>8 Exposure controls/personal protective equipment</b>	
	<b>Additional notes on the design of technical Attachments:</b> No further information, see point 7.
<b>8.1</b>	<b>Parameters to be monitored</b>
	<b>Components with Occupational exposure limit values to be monitored:</b> The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.
	<b>Additional notes:</b> The lists valid at the time of compilation served as a basis.
<b>8.2</b>	<b>Exposure controls and monitoring</b>
	<b>Personal protective equipment:</b>
	<b>General protective and hygienic measures:</b> The usual precautions when handling chemicals must be observed.
	<b>Respiratory protection:</b> Not required.
	<b>Hand protection:</b> The glove material must be impermeable and resistant to the product / substance / preparation. Selection of the glove material under consideration of the breakthrough times, permeation rates and degradation.
	<b>Glove material:</b> The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance. and must therefore be checked before use.
	<b>Penetration time of the glove material:</b> The exact breakthrough time is available from the protective glove manufacturer. and to comply with them.
	<b>Eye protection:</b> Wear protective goggles.
	<b>Body protection:</b> Not required.

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<b>9 Physical and chemical properties</b>																																					
<b>9.1</b>	<b>Information on the basic physical and chemical properties</b>																																				
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	<table border="1"> <tr> <td style="width: 30%;"><b>Appearance:</b> <b>Form:</b> <b>Colour:</b> <b>Odour:</b> <b>Odour threshold:</b></td> <td>Powder greenish h Characteristic Not determined.</td> </tr> <tr> <td><b>pH value (- g/l) at 20°C:</b></td> <td>Not applicable</td> </tr> <tr> <td><b>Melting point/melting range:</b> <b>Boiling point/boiling range:</b></td> <td>Not determined Not applicable</td> </tr> <tr> <td><b>Flash point:</b></td> <td>Not applicable</td> </tr> <tr> <td><b>Flammability (solid, gaseous):</b></td> <td>Not determined</td> </tr> <tr> <td><b>Ignition temperature:</b></td> <td>-/-</td> </tr> <tr> <td><b>Decomposition temperature:</b></td> <td>Not determined</td> </tr> <tr> <td><b>Self-flammability:</b></td> <td>Product is not self-igniting.</td> </tr> <tr> <td><b>Explosion hazard:</b></td> <td>The product is not explosive.</td> </tr> <tr> <td><b>Explosion limits:</b> <b>lower:</b> <b>upper:</b></td> <td>Not determined. Not determined.</td> </tr> <tr> <td><b>Vapour pressure:</b></td> <td>Not determined</td> </tr> <tr> <td><b>Density:</b></td> <td>Not determined.</td> </tr> <tr> <td><b>Relative density Vapour density:</b> <b>Evaporation speed:</b></td> <td>Not determined. Not determined. Not determined.</td> </tr> <tr> <td><b>Solubility in / Miscibility with water:</b></td> <td>Partially soluble / miscible</td> </tr> <tr> <td><b>Partition coefficient (n-Octanol/water):</b></td> <td>Not determined.</td> </tr> <tr> <td><b>Viscosity:</b> <b>dynamic:</b> <b>kinematic:</b></td> <td>Not determined. Not determined.</td> </tr> <tr> <td><b>Solvent content: Organic solvents:</b> <b>Water:</b> <b>VOC/EC:</b></td> <td>Not determined.</td> </tr> <tr> <td><b>Solid content:</b></td> <td>Not determined.</td> </tr> </table>	<b>Appearance:</b> <b>Form:</b> <b>Colour:</b> <b>Odour:</b> <b>Odour threshold:</b>	Powder greenish h Characteristic Not determined.	<b>pH value (- g/l) at 20°C:</b>	Not applicable	<b>Melting point/melting range:</b> <b>Boiling point/boiling range:</b>	Not determined Not applicable	<b>Flash point:</b>	Not applicable	<b>Flammability (solid, gaseous):</b>	Not determined	<b>Ignition temperature:</b>	-/-	<b>Decomposition temperature:</b>	Not determined	<b>Self-flammability:</b>	Product is not self-igniting.	<b>Explosion hazard:</b>	The product is not explosive.	<b>Explosion limits:</b> <b>lower:</b> <b>upper:</b>	Not determined. Not determined.	<b>Vapour pressure:</b>	Not determined	<b>Density:</b>	Not determined.	<b>Relative density Vapour density:</b> <b>Evaporation speed:</b>	Not determined. Not determined. Not determined.	<b>Solubility in / Miscibility with water:</b>	Partially soluble / miscible	<b>Partition coefficient (n-Octanol/water):</b>	Not determined.	<b>Viscosity:</b> <b>dynamic:</b> <b>kinematic:</b>	Not determined. Not determined.	<b>Solvent content: Organic solvents:</b> <b>Water:</b> <b>VOC/EC:</b>	Not determined.	<b>Solid content:</b>	Not determined.
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<b>10</b>		<b>Stability and reactivity</b>
<b>10.1</b>	<b>Reactivity</b>	
	No further relevant information available.	
<b>10.2</b>	<b>Chemical stability</b>	
	<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition when used as intended.
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	
	No dangerous reactions known.	
<b>10.4</b>	<b>Conditions to avoid:</b>	
	No further relevant information available.	
<b>10.5</b>	<b>Incompatible materials:</b>	
	No further relevant information available.	
<b>10.6</b>	<b>Hazardous decomposition products:</b>	
	No dangerous decomposition products known.	
<b>11</b>		<b>Toxicological information</b>
<b>11.1</b>	<b>Information on toxicological effects</b>	
	<b>Acute toxicity:</b>	Based on the available data, the classification criteria are not fulfilled.
	<b>Primary irritant effect:</b>	
	<b>Corrosive/irritant effect on the skin:</b>	Based on available data, the classification criteria are not met.
	<b>Severe eye damage / - irritation:</b>	Based on the available data, the classification criteria are not fulfilled.
	<b>Sensitisation of the respiratory tract/skin:</b>	Based on available data, the classification criteria are not met.
	<b>CMR effects (carcinogenic, mutagenic and toxic for reproduction)</b>	
	<b>Germ cell mutagenicity:</b>	Based on available data, the classification criteria are not met.
	<b>Carcinogenicity:</b>	Based on the available data, the classification criteria are not fulfilled.
	<b>Reproductive toxicity:</b>	Based on available data, the classification criteria are not met.
	<b>Specific target organ toxicity with a single exposure:</b>	Based on the available data, the classification criteria are not fulfilled.
	<b>Specific target organ toxicity in case of repeated exposure:</b>	Based on available data, the classification criteria are not met.
	<b>Aspiration hazard:</b>	Based on available data, the classification criteria are not met.

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<b>12 Environmental information</b>	
<b>12.1</b>	<b>Toxicity</b>
	<b>Aquatic toxicity:</b> No further relevant information available.
<b>12.2</b>	<b>Persistence and degradability</b>
	No further relevant information available
<b>12.3</b>	<b>Bioaccumulative potential</b>
	No further relevant information available
<b>12.4</b>	<b>Mobility in soil</b>
	No further relevant information available
	<b>Other ecological notes:</b>
	<b>General notes:</b> Generally not hazardous to water
<b>12.5</b>	<b>Results of the PBT and vPvB assessment</b>
	<b>PBT:</b> Not applicable.
	<b>vPvB:</b> Not applicable.
<b>12.6</b>	<b>Other adverse effects</b>
	No further relevant information available.
<b>13 Notes on disposal</b>	
<b>13.1</b>	<b>Waste treatment process</b>
	<b>Recommendation:</b>
	Smaller quantities can be deposited together with household waste.
	<b>European Waste Catalogue</b>
	<b>Uncleaned packaging:</b>
	<b>Recommendation:</b> Dispose of in accordance with official regulations.
<b>14 Transport information</b>	
<b>14.1</b>	<b>UN number</b>
	<b>ADR, ADN, IMDG, IATA:</b> not applicable
<b>14.2</b>	<b>UN proper shipping name</b>
	<b>ADR, ADN, IMDG, IATA:</b> not applicable
<b>14.3</b>	<b>Transport hazard classes</b>
	<b>ADR, ADN, IMDG, IATA Class:</b> not applicable
<b>14.4</b>	<b>Packing group</b>
	<b>ADR, IMDG, IATA:</b> not applicable
<b>14.5</b>	<b>Environmental hazards:</b>
	<b>Marine pollutant:</b> No
<b>14.6</b>	<b>Special precautions for the user</b>
	Not applicable.
<b>14.7</b>	<b>Carriage in bulk in accordance with Annex II of MARPOL 73/78; and according to IBC code</b>
	Not applicable.
	<b>Transport/further information:</b> No dangerous goods according to the above regulations
	<b>UN "Model Regulation":</b> not applicable

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<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>		
	<b>Labelling according to Regulation (EC) No. 1272/2008:</b>	not applicable	
	<b>Hazard pictograms:</b>	not applicable	
	<b>Signal word:</b>	not applicable	
	<b>Hazard warnings</b>	not applicable	
	<b>Directive 2012/18/EU</b>		
	<b>Listed by name dangerous substances - ANNEX I:</b>	None of the ingredients are included	
	<b>National regulations:</b>		
	<b>Water hazard class:</b>	Generally not hazardous to water.	
<b>15.2</b>	<b>Chemical safety assessment:</b>		
	A chemical safety assessment has not been carried out.		
<b>16</b>		<b>Other information</b>	
	The information is based on the current state of our knowledge, but does not constitute a guarantee of product characteristics and does not establish a contractual legal relationship.		
	<b>Relevant sentences</b>		
	<b>H318</b>	Causes severe eye damage.	
	<b>Data sheet issuer Range:</b>	Product Management Department	
	<b>Abbreviations and acronyms:</b>		
	<b>ADR:</b>	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)	
	<b>IMDG:</b>	International Maritime Code for Dangerous Goods	
	<b>IATA:</b>	International Air Transport Association	
	<b>GHS:</b>	Globally Harmonized System of Classification and Labelling of Chemicals	
	<b>EINECS:</b>	European Inventory of Existing Commercial Chemical Substances	
	<b>ELINCS:</b>	European List of Notified Chemical Substances	
	<b>CAS:</b>	Chemical Abstracts Service (division of the American Chemical Society)	
	<b>GefStoffV:</b>	Ordinance on Hazardous Substances (Germany)	
	<b>VOC:</b>	Volatile Organic Compounds (USA, EU)	
	<b>PBT:</b>	Persistent, Bioaccumulative and Toxic	
	<b>vPvB:</b>	very Persistent and very Bioaccumulative	

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