

Safety data sheet according to Regulation 1907/2006/EC

Product name: Dupla KH+ / 250 g**Art.:No. :** 80576**Manufacturer / Supplier:** Dohse Aquaristik GmbH & Co. KG - Otto Hahn Str. 9 - D-53501 Grafschaft- Gelsdorf - Phone: 02225-94150**Date of issue:** 19.05.20 - **Version:** 1 - **Print date:** 01.09.2022 - **Revision:** -/-

1 Identification of the substance/mixture and of the company/undertaking	
1.1	Product identifier
	Trade name: Dupla KH + / 250g
	Item number: 80576
1.2	Application of the substance / the mixture:
	Care products for aquarium water
	Relevant identified uses of the substance or mixture advised against: No further relevant information available.
1.3	Details of the supplier providing the safety data sheet
	Manufacturer/Supplier: Dohse Aquaristik GmbH & Co KG Otto Hahn Str. 9 D-53501 County Gelsdorf
	Phone: +49(0)2225-94150
	Fax: +49(0)2225-946494
	eMail: info@dohse-aquaristik.de
	Information-giving area: info@dohse-aquaristik.de
1.4	Emergency number: +49(0)2225-94150
	Availability: Mon.-Th. 7.30-16.30 Fri. 7.30-13.00
2	Possible dangers
2.1	Classification of the substance or mixture
	Based on the data available to us, the product is not a hazardous substance within the meaning of the Chemicals Act or the Hazardous Substances Ordinance and the EU Directives in the currently valid version. Version
2.2	Labelling elements
	The product is not labelled as dangerous according to Directive 1999/45/EC and according to Regulation (EC) No 1272/2008
2.3	Other hazards
	No information
3	Composition/information on ingredients
3.1	Fabrics
	This product is about:
	Sodium hydrogen carbonate CAS No.: 144-55-8 EC No.: 205-633-8
4	First aid measures
4.1	Description of the first aid measures
	General notes: Remove contaminated clothing and clean with plenty of water
	after inhalation: Provide fresh air; consult a doctor if symptoms persist.
	after skin contact: In case of contact with skin, rinse with plenty of water. Complaints Consult a doctor
	after eye contact: In case of contact with eyes, rinse thoroughly with plenty of water with eyelids open (10-15 min), consult a doctor if symptoms persist.

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	after ingestion:	Drink plenty of water, consult a doctor if symptoms persist.
4.2	Most important symptoms and effects, both acute and delayed	
	No information available	
4.3	Indications for immediate medical help or special treatment	
	symptomatic treatment	
5	Fire fighting measures	
5.1	Extinguishing agent	
	Suitable extinguishing media:	Coordinate extinguishing measures with the surroundings
	Extinguishing media unsuitable for safety reasons:	none
5.2	Special hazards arising from the substance or mixture	
	In case of fire may be released: Carbon monoxide, carbon dioxide	
5.3	Advice for firefighters	
	As with any fire, wear breathing apparatus and protective equipment	
6	Accidental release measures	
6.1	Personal precautions, protective equipment and in emergencies procedures to be followed	
	Wear personal protective equipment	
6.2	Environmental protection measures	
	Do not allow large quantities to enter drains or watercourses.	
6.3	Methods and material for retention and cleaning:	
	Take up mechanically, dilute residues strongly with water and rinse off thoroughly.	
6.4	Reference to other sections	
	Personal protective equipment see section 8	
7	Handling and storage	
7.1	Protective measures for safe handling	
	Do not inhale dust, ensure good ventilation. Avoid eye contact. The usual precautionary measures when handling chemicals must be observed.	
	Measures to protect against fire and explosions:	The product is not combustible. Usual measures of preventive fire protection
	General hygiene measures:	Keep away from food, drink and animal feed. Do not eat, drink or smoke while working. Remove soiled clothing. Before breaks and at the end of work Wash hands.
	Further information:	none
7.2	Conditions for safe storage taking into account incompatibilities	
	Storage:	
	Requirements for storage rooms and containers:	Keep container closed, cool and dry
	Storage in one place:	No incompatible products to be mentioned in particular
	Further information on storage conditions:	Store container closed Protect from humidity
	Storage class:	13

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	Information on storage stability:	Shelf life is unlimited when sealed in the original packaging and stored properly.
7.3	Specific end uses	
		Stabilises the pH value and KH value in the aquarium.
8	Exposure controls/personal protective equipment	
8.1	Parameters to be monitored	
		None
8.2	Exposure controls and monitoring	
	appropriate technical control device	None
	Individual protective measures-personal protective equipment	
	Respiratory protection:	Not necessary with good room ventilation
	Eye protection:	Wear protective goggles for prolonged exposure
	Body protection:	In case of prolonged direct exposure, wear gloves that are resistant to the product.
	Limitation and monitoring of environmental exposure:	No information available
9	Physical and chemical properties	
9.1	Information on the basic physical and chemical properties	
	General information	
	Appearance: Form:	solid
	Colour:	white
	Odour:	characteristic
	Odour threshold:	Not determined.
	pH value:	8.4 (93.4g/l NaHCO ₃ , 25°C)
	Melting point/melting range:	Not determined
	Boiling point/boiling range:	Not determined
	Flash point:	Not applicable
	Evaporation rate:	not available
	Ignition temperature:	none
	Self-flammability:	Product is not self-igniting.
	Vapour pressure:	not available
	Vapour density:	not available
	Density:	2.21-2.23 g/ cm ³ (NaHCO ₃)
	Solubility in / Miscibility with water:	93.4 g/l, 20°C (NaHCO ₃)
	Partition coefficient (n-Octanol/water):	Not determined.
	Viscosity: dynamic:	Not determined.
	kinematic:	Not determined.
	Decomposition temperature:	> 50°C

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	Explosive properties:	not explosive
	Oxidising properties:	Not determined

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10	Stability and reactivity	
10.1	Chemical stability	
	Stable under normal conditions	
10.2	Substances to avoid	
	Strong acids	
	Reactions with light metals in the presence of moisture with formation of hydrogen	
10.3	Conditions to avoid	
	No information available	
10.4	Incompatible materials:	
	Acids, light metals	
10.5	Hazardous decomposition products	
	Carbon dioxide (CO ₂), carbon monoxide (CO), sodium oxide (Na ₂ O)	
	General notes	
	When dissolving in water, always add product to water, never vice versa	
11	Toxicological information	
11.1	Information on toxicological effects	
	LD50 oral > 4000 mg/kg (rat)	
	Irritant effect:	On skin/eye: No irritant effect known.
	Corrosivity:	No information available
	Sensitisation:	No sensitising effect known
	Repeated dose toxicity Administration:	No information available
	Carcinogenicity:	No information available
	Mutagenicity:	No information available
	Reproductive toxicity:	No information available
	General remarks:	Based on available data, the classification criteria are not met.
	Aspiration hazard:	The available data are not sufficient for a complete industrial toxicological assessment. The exposure to with chemicals must be observed.
	Other notes:	None
12	Environmental information	
12.1	Toxicity	
	EC50/ 48h:	2350-4100 mg/l (Daphnia magna)
	LC50/ 96h:	7100 mg/l (Lepomis macrochirus) 7700 mg/l (Oncorhynchus mykiss)
12.2	Persistence and degradability	
	Inorganic product; WGK 1; cannot be eliminated from water by biological purification processes.	
12.3	Bioaccumulative potential	
	Does not accumulate in organisms	
12.4	Mobility in soil	
	No information available	
12.5	Results of the PBT and vPvB assessment	
	Not applicable.	

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12.6	Other adverse effects	
	No further relevant information available.	
	General notes	
	No ecological problems are to be expected if used properly	
	Behaviour in sewage treatment plants	
	If low concentrations are properly discharged into adapted biological wastewater treatment plants, disturbances of the degradation activity of activated sludge are not to be expected.	
13	Notes on disposal	
13.1	Waste treatment process	
	Treatment of contaminated packs	
	Packaging should be cleaned with plenty of water and can then be disposed of in the usual way. be supplied.	
	Waste code according to the List of Wastes Ordinance	
	06 03 14	
	Waste name	
	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13	
	Recommended cleaning agent	
	None	
14	Transport information	
14.1	UN number	
	not applicable	
14.2	UN proper shipping name	
	not applicable	
14.3	Transport hazard classes	
	not applicable	
14.4	Packing group	
	not applicable	
14.5	Environmental hazards:	
	No	
14.6	Special precautions for the user	
	not applicable	
14.7	Carriage in bulk in accordance with Annex II of MARPOL 73/78; and according to IBC code	
	not applicable	
	Remarks:	No dangerous goods within the meaning of the Ordinance
	Further information on transport:	Land transport (ADR/RID/GGVS/GGVE)

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15	Legislation	
15.1	Regulations on safety, health and environmental protection / specific Legislation for the substance or mixture	
	not known	
	National regulations	
	Employment restriction notices:	No information available
	Nuisance Case Ordinance:	Not applicable
	Classification according to VbF:	VbF; not subject to the regulation of flammable liquids
	TA Luft Remarks:	Not applicable
	National regulations:	
	Water hazard class:	1 KBws classification
	Other regulations, restrictions and prohibitions	
	No information available	
16	Other information	
	Notes on labelling	
	none	
	Hazard statements referred to in section 2 and 3	
	According to Regulation (EC)No:1272/2008:	Not applicable
	According to Directive 67/548/EEC:	Not applicable
	Recommended use and restrictions:	Preparation (concentrate) dissolved in water to increase the carbonate hardness and stabilise the pH value.
	References and data sources:	Preparations Directive (1999/45/EC) Substances Directive (67/548/EEC) REACH Regulation (EC) No 1907/2006 CLP Regulation (EC) No 1272/2008
	Data sheet issuing area:	
	Dohse Aquaristik GmbH & Co KG Otto Hahn Str. 9 D-53501 County Gelsdorf 02225-94150 02225-946494 info@dohse-aquaristik.de	
	Contact person:	Dohse Aquaristik GmbH & Co KG +(0)02225-94150 +(0)2225-946494 info@dohse-aquaristik.de
	Further information	
	The information is based on the current state of our knowledge. However, they do not constitute a guarantee of product characteristics and do not establish a legal relationship. The user of this product is obliged to provide all persons who come into contact with the product with the information necessary for occupational safety, environmental protection and health protection in form of this safety data sheet.	

End of the document