

According to Regulation (EC) NO 1907/2006 (REACH)

Productname: DuplaMarin Spurenelementemix liquid 250 ml / 500 ml / 1.000 ml / 5.000

Item No.: 81324 / 81325 / 81326 / 81328

Manufacturer: Dohse Aquaristik GmbH & Co. KG, Otto Hahn Str. 9, D-53501 Grafschaft Gelsdorf, Phone: +49(0)2225-94150**Version-Nr.:** 1 / **Date of issue:** 11.03.2019 / **Print Date:** 01.04.2019*** Changes from predecessors, **n.a.** = not applicable, **n.av.** = available

1 Identification of the substance/mixture and of the company/undertaking									
1.1	Product identifier								
	<table border="1"> <tr> <td>Trade name:</td> <td>DuplaMarin Spurenelementemix liquid 250 ml DuplaMarin Spurenelementemix liquid 500 ml DuplaMarin Spurenelementemix liquid 1.000 ml DuplaMarin Spurenelementemix liquid 5.000 ml</td> </tr> <tr> <td>Item No.:</td> <td>81324 / 81325 / 81326 / 81328</td> </tr> </table>	Trade name:	DuplaMarin Spurenelementemix liquid 250 ml DuplaMarin Spurenelementemix liquid 500 ml DuplaMarin Spurenelementemix liquid 1.000 ml DuplaMarin Spurenelementemix liquid 5.000 ml	Item No.:	81324 / 81325 / 81326 / 81328				
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Item No.:	81324 / 81325 / 81326 / 81328								
1.2	Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses								
	<table border="1"> <tr> <td>Use of the substance / mixture:</td> <td>Product for Seawater aquarium</td> </tr> <tr> <td>Uses advised against:</td> <td>There is no information on uses advised against.</td> </tr> </table>	Use of the substance / mixture:	Product for Seawater aquarium	Uses advised against:	There is no information on uses advised against.				
Use of the substance / mixture:	Product for Seawater aquarium								
Uses advised against:	There is no information on uses advised against.								
1.3	Details of the supplier of the safety data sheet								
	<table border="1"> <tr> <td>Manufacturer/Supplier:</td> <td>Dohse Aquaristik GmbH & Co. KG Otto Hahn Str. 9 D-53501 Grafschaft Gelsdorf</td> </tr> <tr> <td>Phone:</td> <td>+49(0)2225-94150</td> </tr> <tr> <td>Fax:</td> <td>+49(0)2225-946494</td> </tr> <tr> <td>eMail:</td> <td>info@dohse-aquaristik.de</td> </tr> </table>	Manufacturer/Supplier:	Dohse Aquaristik GmbH & Co. KG Otto Hahn Str. 9 D-53501 Grafschaft Gelsdorf	Phone:	+49(0)2225-94150	Fax:	+49(0)2225-946494	eMail:	info@dohse-aquaristik.de
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eMail:	info@dohse-aquaristik.de								
1.4	Emergency Telephone Number:								
	+49 (0) 2225 94 15 0 Mo.-Do. 7.30-16.30 Fr. 7.30-13.00								
2 Hazards identification									
2.1	Classification of the substance or mixture								
	This product does not present any particular risk in accordance with the Chemicals Act and the Regulation on Dangerous Chemicals of the European directive.								
2.2	Label elements								
	Labelling according to Regulation (EC) No. 1272/2008 [CLP] No labelling applicable								
2.3	Other hazards								
	No additional information available								

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3		Composition/ information on ingredients	
3.1		Substances	
		The Product is a mixture	
3.2.		Mixture	
		The product is composed of different salts	
		Hazardous ingredients according to Regulation (EC) No. 1272/2008 [CLP]:	
	Ingredients	Designation:	Concern:
	EG-No.: 215-540-4 CAS-No.: 1303-96-4 Registration No.: 01-2119490790-32-0000	Borax	≤ 0,3%
			Classification according to Regulation (EC) No: 1272/2008: Eye Irrit. 2; H 319 Hazard pictogram:  GHS07 / Warning Repr. 1B; H360 Hazard pictogram:  Danger
For the wording of the listed risk phrases refer to section 16.			
4		First aid measures	
4.1		Description of first aid measures	
	General information:	If symptoms persist, consult a doctor	
	Following inhalation:	Fresh air	
	Following skin contact:	If touched with skin, rinse with water	
	Following eye contact:	If touched with eye, rinse with water	
	Following ingestion	Rinse mouth, drink plenty of water	
4.2		Most important symptoms and effects, both acute and delayed	
		No information available	
4.3		Indication of any immediate medical attention and special treatment needed	
	Medication	Treat symptomatically	
5		Firefighting measures	
5.1		Extinguishing media	
	Suitable extinguishing media:	Adapt the extinguishing measures to the surroundings	
	Unsuitable extinguishing media:	No information available	
5.2		Special hazards arising from the substance or mixture	
		Hazardous decomposition products in case of fire: hydrogen chloride, toxic fumes, chlorine	
5.3		Advice for fire-fighters	
		Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing	

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6	Accidental release measures	
6.1	Personal precautions, protective equipment and emergency procedures	
	Wear personal protective equipment	
6.2	Environmental precautions	
	Do not allow large quantities into drains or water courses	
6.3	Methods and material for containment and cleaning up	
	Mechanically recover the product, rinse remaining contamination with water and dilute this water extremely.	
6.4	Reference to other sections	
	Concerning personal protective equipment to use, see section 8	
7	Handling and storage	
7.1	Precautions for safe handling	
	Schutzmaßnahmen zur sicheren Handhabung:	Avoid eye and skin contact. The usual precautionary measures when handling chemicals must be observed.
	Measures taken as a protection from the dangers of fire and Explosions:	The mixture is not flammable. The usual precautionary measures of fire protection must be considered.
	Hygiene measures:	Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Always remove dirty clothes.
	More information:	None.
7.2	Conditions for safe storage, including any incompatibilities Requirements for storage facilities and containers	
	Requirements for storerooms and containers:	Keep container closed
	Hints for combined storage:	No special measures necessary
	Further information on storage conditions:	Keep container closed, protected from sunlight
	Storage class:	12
	Storage stability information:	Original sealed and with proper storage everlasting
7.3	Specific end uses	
	Added to saltwater aquarium, product ensures an optimized supply for hard and soft corals, shells, serpulids as well as coralline algae with vital minerals and traces elements.	
8	Exposure controls/personal protection	
8.1	Control parameters	
	None	
8.2	Limitation and monitoring of exposure	
	Appropriate engineering controls	
	None	
	Personal protective equipment	
	Respiratory protection:	Not required
	Eye protection:	Do not allow the product to come into contact with the eyes
	Body protection:	In the case of long direct exposure wear gloves which are resistant against the product
	Environmental exposure controls:	No information available

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9	Physical and chemical properties	
9.1	Information on basic physical and chemical properties	
	Appearance:	liquid
	Color:	colorless - brownish
	Odour:	characteristic
	Odour threshold:	no information available
	pH	not determined
	Boiling point/Boiling range:	no information available
	Melting point/freezing point:	no information available
	Flame point:	not applicable
	Evaporation rate:	no information available
	Ignition temperature:	none
	Spontaneous combustion:	not selfigniting
	Vapour pressure:	no information available
	Vapour density:	no information available
	Density:	not determined
	Solubility in water:	soluble
	Viscosity:	not determined
	Decomposition temperature:	not determined
	Explosive properties:	not explosive
	Oxidizing characteristics	not determined
10	Stability and reactivity	
10.1	Reactivity	
	No information available	
10.2	Chemical stability	
	Stable under normal conditions	
10.3	Possibility of hazardous reactions	
	May be corrosive to metals	
10.4	Conditions to avoid	
	No information available	
10.5	Incompatible materials	
	Strong acids, oxidizing substances	
10.6	Hazardous decomposition products	
	Hydrogen chlorine, chlorine, magnesium oxide chloride	
11	Toxicological information	
11.1	Information on toxicological effects	
	There are no toxicological findings for this mixture	
	Irritation	
	To the skin:	light irritation possible
	On the eye:	irritation possible
	Etching effect:	No information available
	Sensitization:	No information available
	Specific target organ toxicity (repeated exposure):	No information available
	Carcinogenicity:	No information available
	Germ cell mutagenicity:	No information available
	Reproductive toxicity:	No information available

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	General comments:	The available data are not sufficient for a complete industrial toxicological assessment. The usual precautionary measures when handling chemicals must be observed.	
	Other indications:	None	
12	Ecological information		
12.1	Toxicity		
	No information available		
12.2	Persistence and degradability		
	Inorganic components; WHC 1; cannot be eliminated from the water by biological purification processes		
12.3	Bioaccumulative potential		
	No information available		
12.4	Mobility in soil		
	No information available		
12.5	Results of PBT and vPvB assessment		
	No information available		
12.6	Other adverse effects		
	No information available		
	General information:	If used correctly, no ecological problems are to be expected.	
	Behavior in sewage processing plants:	With the appropriate introduction of low concentrations into adapted biological waste water treatment plants, no inhibition of the degradation activity of the activated sludge is to be anticipated.	
13	Disposal considerations		
13.1	Waste treatment methods		
	waste codes:	060313	
	Treatment of polluted packages:	The packages should be cleaned with a lot of water, after that they can be disposed in the common way.	
	The appropriate disposal of the products:	Disposal must be made according to official regulations.	
	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 class:		
	Not applicable		
14.4	Packing group:		
	Not applicable		
14.5	Environmental hazards:		
	Not applicable		
14.6	Special precautions for user:		
	Not applicable		

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14.7	Transport in bulk according to Annex II of MARPOL and the IBC Code:	
	Not applicable	
	Comment	
	No dangerous goods in the sense of the regulation	
	Additional information about the transport	
	Land transport (ADR/RID/GGVS/GGVE)	
15	Regulatory information	
15.1	Safety, health and environmental regulations/ legislation specific for the substance or mixture	
	Not known	
	National Regulations:	
	Information about limitation of use:	No information available
	Case of failure regulation:	Not applicable
	Classification according to VbF:	Vbf; the product is not subject to the German "Flammable Liquids Ordinance"
	According to TA Luft:	Not applicable
	Water hazard class:	1 slightly polluting substance (KBws)
	Other regulations, limitations and prohibitive regulations:	No information available
16	Sonstige Angaben	
	Information about the labeling	None
	Hazard statements related to section 2 and 3 in accordance with the regulation (EG)Nr.:1272/2008:	
	Eye Irrit. 2; H319:	Causes serious eye irritation
	Repr. 1B; H360:	May damage fertility or the unborn child
	Recommended uses and restrictions:	Trace element mixture for saltwater aquariums
	Literature references and sources for data:	Safety data sheets for raw materials
	REACH Regulation 1907/2006/EC	
	CLP Regulation (EC) No 1272/2008	
	Additional information:	
	The information is based on the current state of our knowledge. However, they do not constitute an assurance of product properties and do not establish a legal relationship. The user of this product is obliged to hand over to all persons, who come into contact with the product, the information necessary for occupational safety, environmental and health protection in the form of this safety information sheet.	

End of document.