

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

Productname: DuplaMarin Amino Active & Natural Balance Salt 3 kg / 8 kg / 20 kg

Item.No.: 81435 / 81436 / 81437 / 81438 / 81430 / 81431 / 81432 / 81433

Company: Dohse Aquaristik GmbH & Co. KG, Otto Hahn Str. 9, D-53501 Grafenschaft Gelsdorf, Phone:+49(0)2225-94150

Version-No.: 1 / Compilation date: 28.07.2019 / Print Date: 20.11.2020

1	Identification of the substance/mixture and of the company/undertaking	
1.1	Product identifier	
	Trade name:	DuplaMarin Amino Active Salt 3 kg DuplaMarin Amino Active Salt 8 kg DuplaMarin Amino Active Salt 20 kg DuplaMarin Amino Active Salt 20 kg / Refill DuplaMarin Natural Balance Salt 3 kg DuplaMarin Natural Balance Salt 8 kg DuplaMarin Natural Balance Salt 20 kg DuplaMarin Natural Balance Salt 20 kg / Refill
	Item-No.:	DuplaMarin Amino Active Salt 3 kg = 81435 8 kg = 81436 20 kg = 81437 20 kg / Refill = 81438 DuplaMarin Natural Balance Salt 3 kg = 81430 8 kg = 81431 20 kg = 81432 20 kg / Refill = 81433
1.2	Relevant identified uses of the substance or mixture and uses advised against relevant identified uses	
	Salt for seawater / reef aquaristics	
1.3	Details of the supplier of the safety data sheet	
	Company name:	Dohse Aquaristik GmbH & Co. KG Otto Hahn Str. 9 D-53501 Grafenschaft Gelsdorf
	Phone:	+49(0)2225-94150
	Fax:	+49(0)2225-946494
	eMail:	info@dohse-aquaristik.de
1.4	Emergency telephone number:	Emergency telephone number of Company: Mo.-Thur. 7.30-16.30 Fr. 7.30-13.00 +49(0)2225-94150
2	Hazards identification	
2.1	Classification of the substance or mixture	
	Based on our data, 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.	
2.2	Label elements	
	The product is not classified as dangerous according to Regulation (EC) No. 1272/2008. A safety data sheet is available on request.	
2.3	Other hazards	
	No 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]:	
		Calcium chloride	
	EC-No.:	CAS:	Registration number:
	233-140-8	10043-52-4	01-2119494219-28-0000
			Proportion:
			< 10%
		Classification according to Regulation (EC) No: 1272/2008:	
		Eye Irrit. 2, H319	
		Hazard pictogram:	
		 GHS07 Warning	
		Borax:	
	EC-No.:	CAS:	Registration number:
	215-540-4	1303-96-4	01-2119490790-32-0000
			Proportion:
			< 0,3%
		Classification according to Regulation (EC) No. 1272/2008:	
		Eye Irrit. 2, H319 Repr. 1B; H360	
		Hazard pictogram:	
		 GHS07 Warning	
		 GHS08 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:	In case of contact with eyes, rinse thoroughly with plenty of water
		Following ingestion:	Rinse mouth, drink plenty of water
4.2		Most important symptoms and effects, both acute and delayed	
		Local irritation symptoms; Stomach / intestinal disorder	
4.3		Indication of any immediate medical attention and special treatment needed	
		Treatment:	Treat symptomatically

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5	Fire-fighting measures	
5.1	Extinguishing media	
	Suitable extinguishing media:	Adapt the extinguishing measures to the surroundings
	Unsuitable extinguishing media:	None
5.2	Special hazards arising from the substance or mixture	
	Hazardous decomposition products in case of fire: hydrogen chloride (HCl), chlorine (Cl ₂), sulfur oxides, Calcium oxide, Boron oxide, Metal oxides	
5.3	Advice for fire-fighters	
	As with any fire wear respirator and protective gear	
6	Accidental release measures	
6.1	Personal precautions, protective equipment and emergency procedures	
	Wear personal protective gear	
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	
	If used properly no special measures required.	
	The usual precautionary measures are to be adhered to when handling chemicals.	
	Avoid formation of dust.	
	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.	
7.2	Conditions for safe storage, including any incompatibilities	
	Requirements for storage facilities and containers:	
	Store container sealed and protected from light, product is hygroscopic	
	Hints for combined storage	
	Do not store with strong acids, oxidizing agents and reducing agents	
	Further information on storage conditions	
	Keep container closed and dry	
	Storage class:	13
	Storage stability information	
	Original sealed and with proper storage everlasting	
7.3	Specific end use(s)	
	Salt for the production of nature-identical seawater.	

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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 if used properly
	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
9	Physical and chemical properties	
9.1	Information on basic physical and chemical properties	
	Appearance:	Solid (crystals / powder)
	Color:	white
	Odor:	characteristic
	Odor threshold:	no information available
	pH:	8-10
	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 self-igniting
	vapor pressure:	no information available
	vapor 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	
	Reaction with strong oxidants can produce chlorine gas	
	Reaction with strong acids can produce hydrogen chloride	
10.2	Chemical stability	
	Stable under normal conditions.	
10.3	Possibility of hazardous reactions	
	Thermal decomposition > 200 ° C	
10.4	Conditions to avoid	
	Corrosive to metals	
10.5	Incompatible materials	
	With strong acids:	hydrogen chloride (HCl)
	With oxidizing agents:	chlorine gas (Cl ₂), sulfur oxides
10.6	Hazardous decomposition products	
	Hydrogen chlorine (HCl), chlorine (Cl ₂), sulfur oxides, Calcium oxide, Boron oxide, Metal oxides	

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11	Toxicological information		
11.1	Information on toxicological effects		
	There are no toxicological findings for this mixture		
	Toxicology of dangerous raw material		
	Acute toxicity		
	Calcium chloride		
	CAS No.:	EC-No.:	Registration number:
	10043-52-4	233-140-8	01-2119494219-28-0000
	LD50 (oral):	> 3000 mg / kg (rat)	
	Dermal LD50:	2630 mg / kg (rat)	
	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		
	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:		
	In conjunction with moisture, the irritant effect is enhanced.		
	If swallowed, irritation of the internal organs.		
	Irritating to the nasopharynx during prolonged exposure.		
12	Ecological information		
12.1	Toxicity		
	Toxicity of the dangerous raw material		
	Calcium chloride		
	CAS No.:	EC-No.:	Registration number:
	10043-52-4	233-140-8	01-2119494219-28-0000
	LC50/48h:	2400 mg/l (daphnia magna)	
	EC50/96h:	4630 mg/l (pimephales promales)	
	EC50/72h:	2900 mg/l (alga)	
12.2	Persistence and degradability		
	Inorganic components; 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		

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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
	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
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

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	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	Other information
	Indication of Changes
	General revision
	Hazard statements related to section 2 and 3 in accordance with the regulation (EG)Nr.:1272/2008:
	Eye irritation, category 2;
	Eye Irrit. 2; H319- serious eye irritation cat. 2; Causes serious eye irritation
	Repr. 1B; H360- May damage fertility or the unborn child
	Recommended uses and restrictions
	Preparation (concentrate) for the production of seawater for marine aquaristics
	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