

## Material Safety Data Sheet

Manufacturer:

Fauna Marin GmbH  
Gottlieb Binder Strasse 9  
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Germany  
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### SECTION 1: Product Identification

**Name:** **Color Elements 1 , 2 , 3**

**Description:** Trace Element Seawater Solution for live corals and invertebrates for aquarium use only

**Package content:** 500 ml / 250 ml bottle clear liquid solution

### SECTION 2: composition / Information on ingredients

#### MIXTURE COLOR ELEMENT 1

Ingredient	CAS	Percent	Hazardous
Water	77 32 - 18 - 5	96 %	No
Pottasiumsulfate	7778-80-5	0,7 %	No
Ascorbylacid	50-81-7	0,1 %	No
Sodiumchlorid	7647-14-5	3,2 %	No

#### MIXTURE COLOR ELEMENT 2

Ingredient	CAS	Percent	Hazardous
Water	77 32 - 18 - 5	96 %	No
Potassiumiodid	7681-11-0	0,8 %	No
Sodiumchlorid	7647-14-5	3,2 %	No

## MIXTURE COLOR ELEMENT 3

Ingredient	CAS	Percent	Hazardous
Water	77 32 - 18 - 5	95 %	No
Calciumnitrate	13477-34-4	1,2 %	No
Iron(2)sulfate	7782-63-0	0,7 %	No
Ascorbylacid	50-81-7	0,1 %	No
Sodiumchlorid	7647-14-5	2,0 %	No

### SECTION 3: Hazard identification

Emergency Overview:

For aquarium use only  
do not drink and eat while using!

HEALTH Ratings (Provided here for your convenience)

Health Rating:	0 - none
Flammability Rating:	0 - none
Reactivity Rating:	0 - none
Contact Rating:	1 - slightly
Lab Protective Equip:	GOGGLES; LAB COAT
Storage Color Code:	Green (General Storage)
Potential Health Effects Inhalation:	None expected
Ingestion:	For aquarium use only!
Skin Contact:	No use for body contact
Eye Contact:	Contact may cause irritation, redness, and pain.
Chronic Exposure:	No information found.

Aggravation of Pre-existing Conditions: No information found.

### SECTION 4: First Aid information

Inhalation:	Move person to fresh air. If person is not breathing, call for an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poisons information centre or doctor
Ingestion:	If swallowed, get medical contact. Do not induce vomiting
Eye Contact:	Wash thoroughly with running water (15 min). Get medical advice if irritation develops.
Skin Contact:	Discontinue use if rash or irritation.

## **SECTION 5: Fire fighting measures**

Fire:	Not considered to be a fire hazard.
Explosion:	Not considered to be an explosion hazard.
Fire Extinguishing Media:	Dry Chemical foam. Carbon dioxide, Water
Special Information:	Use protective clothing and breathing equipment appropriate for the surrounding fire.

## **SECTION 6: Accidental measures**

Personal Pre auction  from upwind	Keep unnecessary personnel away. Do not touch spilled material Do not touch damaged containers. Keep people away
Methods for Containment	Stop leaking without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for Cleaning up return	Small spills can be adsorbed with non reactive absorbent. Never spills in original container. Do not store adsorbent into closed containers. Prevent large spills from entering sewers.

## **SECTION 7: Handling and Storage**

Handling:	Keep out of reach of children Do not drink and eat while using.
Storage:	Cool dry dark place , closed cartons and bucks Keep away from heat, flames or other sources of ignition

## **SECTION 8: Exposure controls / personal protection**

General ventilation normal adequate  
Avoid contact with eyes  
Washing with Soap and water after use is recommended

## SECTION 9: Physical and chemical properties

Physical state:	liquid
Appearance:	clear water
Odor:	no odor
pH:	7,5 basic
Vapor pressure:	no information
Viscosity:	Not indicated
Boiling point:	flash point at 109° C
Freezing / Melting Pt.:	not indicated
Decomposition Temp:	no information
Solubility:	no information
Spec. gravity:	1,05 ( Water = 1 )
Stability:	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:	Will not occur
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Acids, Oxidizers
Conditions to Avoid:	Moisture, incompatibles. Do not mix with other Chemicals

## SECTION 11: Toxicological information

Ingredient:	Cancer Lists/carcinogen		R/S Category	
	Known	Anticipated		
Pottasiumsulfate	NO	NO		NO
Ascorbylacid	NO	NO		NO
Pottasiumiodid	NO	NO		NO
Iron(II)sulfat	NO	NO	R22-36/38 S 2-46	XN
Calciumnitrate	NO	NO		NO
Water	NO	NO		NO

Eye:	May cause eye irritation
Skin:	May cause skin irritation
Inhalation:	None expected
Ingestion:	For external use only
Sensitization:	The finish product is not expected to have chronic health effect.

## **SECTION 12: Ecological informations**

Ecotoxicity:	No data is available on the product itself.
Persistence and degradability:	Inherently biodegradable. Non-persistent.
Mobility:	Water contaminating.
Bioaccumulative potential:	Does not bioaccumulate.
Environmental protection:	May be beneficial to plant life. Do not allow product or empty containers to enter waterways.

## **SECTION 13: Disposal considerations**

Disposal:	Dispose of in a manner consistent with federal, state and local regulations
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## **SECTION 14: Transportation informations**

No Information available, not regulated by ground transport  
(see 49 CFR 173.150 (F))

IMDG (Marine Transport)

UN 1993	Non flammable liquid contains water No limited quantity or consumer commodity
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IATA / ICAO (Air Transport)

UN 1993	Non flammable liquid contains water No limited quantity or consumer commodity
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## **SECTION 15: Regulatory Informations**

Not regulated

## **SECTION 16: Other Informations**

This product be only used as directed on the label. It is only for aquarium use and not for human usage.

This product is a trace element solution for marine invertebrates like corals. It is made only for marine aquarium use.

See Manual and information on bottles under [www.faunamarin.de](http://www.faunamarin.de)

Please contact [info@faunamarin.de](mailto:info@faunamarin.de) for updated MSDS