

Material Safety Data Sheet

Manufacturer:

Fauna Marin GmbH
Gottlieb Binder Strasse 9
71088 Holzgerlingen
Germany
+49 7031 2385 91

SECTION 1: Product Identification

Name: **Balling Trace 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
-----------	---

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

IATA / ICAO (Air Transport)

UN 1993 Non flammable liquid contains water
 No limited quantity or consumer commodity

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

Please contact info@faunamarin.de for updated MSDS

Seite 6

Fauna Marin GmbH 2.3.2014