



Fauna Marin GmbH
Gottlieb Binderstrasse 9
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MATERIAL SAFETY DATA SHEET

Manufacturer:

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According Federal Register /Vol. 77, No. 58 March 26 2012 / Rules and Regulations

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SECTION 1: Product Identification

- 1.1 Product name:** Fauna Marin Bacto Reef Balls
- 1.2 Description:** Nutrients for corals in polymer spheres
- 1.3 Package content:** 500 ml / 250 ml / 100 ml bottle
- 1.4 Product no.** 14415, 14410, 14405
- 1.5 Recommended use** for ornamental marine aquarium use
- 1.6 Restrictions of use** for aquarium use only. Keep away from children.
Not use for food production.
- 1.7 Use of substances** For water treatment in seawater aquaria
- 1.8 Product form** Clear gel spheres < 1cm diameter in turbid water solution

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

R - classification	None
S - classification	None

2.2 Label elements

None

2.3 Other hazards not contributing to the classification

Spilled product increases the risk of skidding

SECTION 3 Composition/Information on ingredients

Ingredients	Product identifier	Percent	Hazardous
Substance type :			
The roduct is a mixture clear polymer spheres			
Water	77 32 - 18 – 5	99,0 %	No
Hazardous material according directive 67/548/EWG		no classification	
Hazardous material according directive (EG) Nr. 1272/2008		no classification	
Not classified as dangerous.			
Sodiumpolyacrylat polymer	9003-04-7	0,9 %	No
Hazardous material according directive 67/548/EWG		no classification	
Hazardous material according directive (EG) Nr. 1272/2008		no classification	
Not classified as dangerous.			
Standard nitrate solution for aquaculture (Pottassiumnitrate)	7757-79-1	max 0,1 %	No
Hazardous Material according directive 67/548/EWG		no classification	
Hazardous Material according directive (EG) Nr. 1272/2008		no classification	

SECTION 4: First aid measures

4.1 Description of first aid measures

General:	Never give anything by mouth to an unconscious person. If feel unwell, seek a medical advice and show the label where possible
Inhalation:	None
Skin contact: with	Remove affected clothing and wash all exposed skin area soap and water, followed by warm water rinse.
Ingestion:	Rinse mouth, induce vomiting obtain medical attention.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses. If eye irritation persists get medical advice

4.2. Most important symptoms and effects, both acute and delayed

Can cause slightly eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Fire fighting measures

5.1. Fire Extinguishing Media

Suitable extinguishing media: Dry chemical foam. Carbon dioxide, water.

Unsuitable extinguishing media: Do not use heavy water stream.

5.2. Special hazards arising from the substances

No additional information available.

5.3. Advice for firefighters

Firefighting instructions Use waterspray or fog for cooling exposed containers

Protection during firefighting Do not enter fire area without proper equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

For non-emergency personell

Protectiv equipment: no additional information available

Emergency procedures: no additional information available

For emergency personell

Protectiv equipment: wear gloves for clean up

Emergency procedures: floor can be slippy mark area with information signs

6.2. Enviromental preauctions

Prevent entry to sewers and public water in large ammounts.

Notify authorities if big ammount (more then 50 Liters (15 USgal) entry sewers or public waters.

6.3. Methods and material for containment and clean up

Shovel into suiteable containers.

6.4. Reference to other sections

See Heading 8 Exposure controls and personal protection

SECTION 7: Handling and storage

Precautions for safe handling:	wash hands and other exposed are with mild soap and water before leaving work.
Hygiene measures:	Wash exposed skin thoroughly after handling or wear protective gloves.

7.1. Conditions for safe storage, including any incompatibilities


Storage conditions	Keep container closed when not in use. Use within 9 month after production date.
Incompatible products	no additional information available
Incompatible materials	direct sunlight, temperatures over 35 °Celsius (°F 105)

SECTION 8: Exposures controls/personal protection

8.1. control parameters

No additional information available

8.2. exposure controls

Appropriate engineering controls	No data available	
Personal protective equipment	safety gloves	
Eye protection	Eye protection not required under normal conditions	
Respiratory protection	Respiratory protection not required under normal conditions	
Other information	Do not eat, drink or smoke during use. Keep away from children.	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Gel spheres in liquid solution.
Appearance:	Soft gel spheres
Color	Transparent gel spheres, slightly turbid solution.
Odor:	No odor
pH:	pH 6,8-7,2
Melting point	No data available
Freezing point	-5 °C (23°F)
Boiling point	No data available
Flash point	No data available
Relative evaporation rate	No data available
Flamability (solid, gas)	Not flammable
Vapor pressure	No data available
Relative vapor density at (20°C)	No data available
Relative density	No data available
Specific gravity	1,0059 g/cm ³
Molecular mass	No Data available
Solubility:	Water 850g/1000 ml Ethanol 125g/1000 ml
Log Pow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity kinematic	No data available
Viscosity dynamic	No data available
Explosion limits	No data available
Explosion properties	No data available
Oxidizing properties	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. chemical stability

Stable under normal conditions.

10.3. Possibility of hazard reactions

Not established

10.4. Conditions to avoid

No direct sunlight. Extremely high and low temperatures

10.5. Incompatibles materials

Strong Acids, Disinfectants

10.6. Hazardous decomposition products

No hazardous decomposition products possible.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	Skin and eye contact inhalation
Acute toxicity	Not classified
Skin irritation	Not classified
Serious eye damage	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity single use	Not classified
Specific target organ toxicity multiple use	Not classified
Aspiration hazard	Not classified
Potential adverse human health effects	Not classified
Symptoms after eye contact	Cause slightly eye irritation

SECTION 15: Regulatory information

15.1. US Federal regulations

Sodiumpolyacrylat Polymer	CAS 9003-04-7	0,9%
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not listed on the United States TSCA (Toxic Substances Control Act) inventory.

15.2. US State regulations

California Proposition	This product does not contain any substances known to the state of California to cause cancer, development and/or reproductive harm.
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15.3. International regulations

EEC DIRECTIVE	SAFETY DATA D.91/155/EEC amended by D.93/112/EEC: Dangerous substance and preparations.
EC CLASSIFICATION	DANGEROUS PREPARATIONS D.88/379/EEC amended by D.93/18/EEC (3rd ATP)

Not classified as dangerous.

INVENTORIES

EINECS(EC)	Conforms
ENCS(Japan)	Conforms
CEPA (Canada)	All substances are listed under the DSL or not required listed
WHMIS (Canada)	Not a controlled product under this directive

SECTION 16: Other information

Revision Date	Dec, 3 2016
Other Information	none
Type of use	For use in marine ornamental aquarium systems only

Please contact info@faunamarin.de for updated MSDS