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## MATERIAL SAFETY DATA SHEET

Manufacturer: Fauna Marin GmbH  
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Emergency Call: +49(06131 19240  
( Toxic Information Office Mainz )  
24 h German and english  
Mail: [info@faunmarin.de](mailto:info@faunmarin.de)

Emergency Call North America  
CHEMTREC 1-800-424-9300

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 Zeolith + Zeolith Set

**1.2 Description:** natural Zeolith mineral for Seawater Aquarium Water Treatment

**1.3 Package content:** 1kg, 2 kg, 4 kg, 25 kg Jar + Set

**1.4 Product no.** 13025,13030,13035, 13035-25 + 19205

**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** grey pebbles >12 mm

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture:

H - classification ( GHS-US )                      not applicable

P - classification ( GHS-US )                      not applicable

### 2.2 Label elements

GHS US labeling

not applicable

Signalword

### 2.3 Other hazards not contributing to the classification

none under normal conditions.

### 2.4 Unknown acute toxicity

not applicable

## SECTION 3 Composition/Information on ingredients

### 3.1 Substances

Ingredients	Product identifier	Percent	Hazardous
Substance type :	grey pepples < 12 mm	100%	0
Klinoptiloith ( natural Zeolith)	CAS No 12173-10-3	100 %	0

### 3.2 Mixtures

not applicable

## **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:	Allow victim to breath fresh air. Allow victim to rest
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**

no symptoms known

### **4.3 Indication of any immediate medical attention and special treatment needed**

Obtain medical assistance

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

### **5.1. Fire Extinguishing Media**

Suitable extinguishing media: Zeolith is non-combustible. All commonly available extinguishing media can be used.

Unsuitable extinguishing media: N/A

### **5.2. Special hazards arising from the substances**

Fire Hazard: None know

Explosion Hazard: N/A

Reactivity: N/A

### **5.3. Advice for firefighters**

Firefighting instructions Use water spray or fog for cooling exposed containers

Protection during firefighting Do not enter fire area without protective equipment. Use respiratory equipment

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment, and emergency procedures**

#### **For non-emergency personnel**

Protective equipment: safety glass, gloves

Emergency procedures: Evacuate unnecessary personnel

#### **For emergency responders**

Protective equipment: wear gloves for clean up

Emergency procedures: floor can be slippery mark area with information signs  
ventilate Area

### **6.2. Enviromental preauctions**

Prevent entry to sewers and public water in large amounts.  
Notify authorities if high ammounts entry sewers or public waters.

### **6.3. Methods and material for containment and clean up**

land, sweep or shovel into suitable containers. Minimize generation of dust.  
Store away from other materials

### **6.4. Reference to other sections**

See Heading 8 Exposure controls and personal protection

## **SECTION 7: Handling and storage**

Precautions for safe handling:                      Precautions for safe handling: Avoid contact with eyes.

Hygiene measures:                                      Wash exposed skin thoroughly after handling or wear protective gloves.

### **7.1. Conditions for safe storage, including any incompatibilities**

Storage conditions                                      Storage conditions: Protect containers from physical damage. Store in dry, cool, well-ventilated area. Store away from strong oxidizers, strong acids, ignition sources, combustible materials, and heat. An adequate air gap between packages is recommended to reduce propagation in the case of fire..

Incompatible products                                      strong oxidizer, strong acids

Incompatible materials                                      direct sunlight, sources of ignition

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

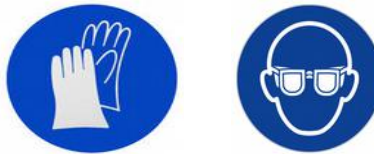
### **8.1. control parameters**

No additional information available

### **8.2. exposure controls**

Appropriate engineering controls      Local exhaust and general ventilation must be adequate to meet exposure standards  
Hand Protection: None required under normal product handling conditions  
Eye Protection: safety glasses  
Skin and body protection: Wear suitable working clothes  
Respiratory protection: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection

Personal protective equipment      safety gloves, safety glass



Eye protection      Eye protection  
Respiratory protection      Respiratory protection is required under if dust is to strong

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:	solid
Appearance:	granular
Colour	grey green
Odour:	No odour
pH:	7-7,1
Melting point	1340°C
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Relative evaporation rate	No data available
Flammability (solid, gas)	no data available
Vapour pressure	No data available
Relative vapour density at (20°C)	No data available
Relative density	No data available
Specific gravity	0,7-0,8 g/cm <sup>3</sup>
Molecular mass	No data available
Solubility:	Water No Data Ethanol No Date
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 hazardous reaction is known

### **10.2. chemical stability**

Stable under normal conditions.

### **10.3. Possibility of hazard reactions**

Not established

### **10.4. Conditions to avoid**

None

### **10.5. Incompatibles materials**

Strong oxidizing and reducing agents such as ozone, liquid oxygen or chlorine.

### **10.6. Hazardous decomposition products**

Dust may be generated in the event of a fire.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

Likely routes of exposure	Not classified
Acute toxicity	Not classified
Skin irritation	Not classified
Serious eye damage	May Cause eye irritation
Respiratory or skin sensitization	May cause respiratory irritation
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	Based on available data, the classification are not met
Symptoms after eye contact	Cause slightly eye irritation



## **SECTION 12: Ecological information**

### **12.1. Toxicity**

The Material is not toxic

### **12.2. Persistence and degradability**

not established

### **12.3. Bioaccumulate potential**

not established

### **12.4. Mobility in soil**

No additional information available

### **12.5. Other adverse effects**

avoid release to the environment

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

Waste disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
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Ecological – waste materials	Avoid release to the environment
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## **SECTION 14: Transport information**

### **14.1. Department of transportation (DOT)**

In accordance with DOT/ADR/RID/ADNR/IMDG/ICAO/IATA

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

<b>Klinoptiolith</b>	<b>CAS 12173-10-3</b>	<b>100%</b>
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not listed on the United States TSCA (Toxic Substances Control Act) inventory.

### 15.2. US State regulations

California Proposition 65	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	No classification
EC CLASSIFICATION	No classification

**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

NFPA health hazard	0 - Materials that, under emergency conditions, can cause irritation.
NFPA fire hazard	0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	0 - Material that in themselves are normally stable, even under fire conditions

## **Klinophtholith**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### HMIS III Rating

Health	0 Slight Hazard - Irritation or minor reversible injury possible
Flammability	0 Minimal Hazard - Materials that will not burn
Physical	0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives
Personal protection	A – safety glass

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