

Fauna Marin GmbH Gottlieb Binderstrasse 9 D-71088 Holzgerlingen

### MATERIAL SAFETY DATA SHEET

Manufacturer:

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

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

**Version:** 01-2020-1 Emergency Call: +49(06131-192832) **Release Date:** 02-12-2018 (Toxic Information Office Mainz)

valid from:01-202024 h German and englishChanged at:Mail: info@faunmarin.de

## SECTION 1: Product Identification

**1.1 Product name:** Fauna Marin Elementals Trace Cu

1.2 Description: Additive for seawateraquarium

1.3 Package content: 250 ml 5000 ml

1.4 **Product no.** 15095, 15095-5

**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** Aquarium Additive -- water treatment in seawater aquarium

**1.8 Product form** clear 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

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# **SECTION 3 Composition/Information on ingredients**

Ingredients Product identifier Percent Hazardous

Substance type: The product is a mixture of Trace Element in Water

main ingredient is Water

 Ingredient
 CAS
 Percent
 Hazardous

 Water
 77 32 - 18 - 5
 99,9 %
 No

 Coppersulfate
 10257-54-2
 < 0,01 %</td>
 No

Hazardous material according directive 67/548/EWG no classification Hazardous material according directive (EG) Nr. 1272/2008 no classification

Not classified as dangerous.

## **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: Remove affected clothing and wash all exposed skin area

with 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 water spray 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 personnel

Protectiv equipment: no additional information available Emergency procedures: no additional information available

### For emergency personnel

Protectiv equipment: wear gloves for clean up

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

### 6.2. Environmental preauctions

Prevent entry to sewers and public water in large amounts.

Notify authorities if big amounts (more then 50 Liter (26USgal) entry sewers or public waters.

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

Shovel into suitable containers.

#### Reference to other sections

See Heading 8 Exposure controls and personal protection

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

Precautions for save 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 36 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: liquid
Appearance: liquid
Color no color

Odor: slightly vinegar

pH: pH 2

Melting point No data available

Freezing point - 2 °C Boiling point 103 ° C

Flash point
Relative evaporation rate
Flamability (solid, gas)
No data available
No flammable

Vapor pressure No data available Relative vapor density at (20°C) No data available Relative density No data available Specific gravity  $1,0025 \text{ g/cm}^3$ Molecular mass No data available Solubility: No date available 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. Extreme high and low temperatures

### 10.5. Incompatibles materials

No data available

### 10.6. Hazadous decomposition products

No hazardous decomposition products possible.

# **SECTION 11:** Toxicological information

### 11.1. Information on toxicological effects

Likely roules of exposure Skin and eye contact inhalation

Acute toxicity Not classified Not classified Skin irritation Not classified Serious eye damage 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 12: Ecological information**

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

100 % biological degradable max time 6 Weeks in soil and water

### 12.3. Bioaccumulate potential

No bioaccumulate potential

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information avoid release to the environment

### **SECTION 13:**

### **Disposal considerations**

#### 13.1. Waste treatment methods

Waste disposal recommendations dispose in household waste with local

regulations

Ecological – waste materials Avoid release to the environment

#### **SECTION 14:**

### **Transport information**

### 14.1. Department of transportation (DOT)

NOT hazardous as defined by

(1) the U.S. Department of Transportation (49 CFR 172.101), (2) per regulations of T

(49 CFR 172.101), (2) per regulations of Transport Canada, (3) per the International Air Transport Association, (4) per rules of the International Maritime Organization, (5) per the Economic Commission for Europe (European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)). Additionally, this product is NOT classified as a Marine Pollutant as defined by 49 CFR 172.101 Appendix B, U.S. Department of Transportation). When transporting, confirm no leakage from containers. When loading, prevent containers from failing, dropping or damaging. Take preventative measures against collapse.

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# **SECTION 15:** Regulatory information

### 15.1. US Federal regulations

Water, coppersulfate

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.

### 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. 6. 2019

Other Information none

Type of use For use in marine ornamental aquarium systems only

Please contact info@faunamarin.de for updated MSDS

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