



Fauna Marin GmbH
Gottlieb Binderstrasse 9
D-71088 Holzgerlingen

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 Elementals Trace Mo
- 1.2 Description:** Additive for seawateraquarium
- 1.3 Package content:** 250 ml 5000 ml
- 1.4 Product no.** 15050, 15050-5
- 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

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 |
| Ammoniumdimolybdate | 27546-07-2 | < 0,02 % | 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: 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 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

Protective equipment: no additional information available

Emergency procedures: no additional information available

For emergency personnel

Protective equipment: wear gloves for clean up

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

6.2. Environmental precautions

Prevent entry to sewers and public water in large amounts.

Notify authorities if big amounts (more than 50 Liter (26USgal)) enter 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

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 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 | No data available |
| Relative evaporation rate | No data available |
| Flamability (solid, gas) | 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 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. 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

Water, ammoniumdimolybdate

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