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MATERIAL SAFETY DATA SHEET

Manufacturer:

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Emergency Call: +49(06131 19240
(Toxic Information Office Mainz)
24 h German and english
Mail: 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 Phos 0,04**

1.2 Description: Phosphate Remover Seawater Aquarium Water Treatment

1.3 Package content: 0,5 kg, 1kg,

1.4 Product no. 12055, 12060

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 black particles

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 Unknow acute toxicity

not applicable

SECTION 3
Composition/Information on ingredients

3.1 Substances

Ingredients	Product identifier	Percent	Hazardous
Substance type :	**black particles < 3 mm**	**100%**	**0**
Ferric(hydr)oxyd	**CAS No 1309-37-1**	**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:	Ferric (hydr)oxide 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:	Contact not with strong ozone, liquid oxygen

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 save 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 ingnition

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 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:	Dewatered solid
Appearance:	particulate
Colour	Black
Odour:	No odour
pH:	7-8
Melting point	1565°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	1,05-1,2 g/cm^3
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

Contact with strong oxidizers such as ozone, liquid oxygen, chlorine, etc. may result in fire

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. Hazadous decomposition products

Carbon monoxide may be generated in the event of a fire.

SECTION 11:
Toxicological information

11.1. Information on toxicological effects

Likely rules of exposure	Not classified
Acute toxicity	Not classified
Skin irritation	Not classified
Serious eye damage	May Causes 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 date, the classification are not met
Symptoms after eye contact	Cause 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.
Ecological – waste materials	Avoid release to the environment

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

Ferric(hydr)oxyd	**CAS 1309-37-1**	**100%**

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.

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 dire 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

Ferric(hydr)oxyde

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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