



## SAFETY DATA SHEET

KH/Alkalinity - Foundation B powder

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### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

#### **Product identifier 1.1**

Product name: KH/Alkalinity (Foundation B) powder- 1kg

Product code: R22027

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

Aquarium water supplement.

#### **1.3 Details of the supplier of the safety data sheet**

Red Sea Fish Pharm Ltd

Free Trade Industrial Zone

Eilat 88000

Israel

Tel: +972-9-9567107

**E-mail address of person responsible for this SDS:** [sharonr@redseafish.com](mailto:sharonr@redseafish.com)

#### **1.4 Emergency telephone number**

**Emergency telephone number (with hours of operation):** N/A

### **SECTION 2: Hazards identification**

#### **2.1 Classification of the substance or mixture**

Classification according to 29 CFR 1910.1200 (OSHA HCS):

Not classified

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP):

Not classified

#### **2.2 Label elements**

Labelling according to 29 CFR 1910.1200 (OSHA HCS)

Hazard pictogram(s): Not required

Signal word: Not required

Hazard statement(s): Not required

Precautionary Statement(s): Not required

Labelling in accordance with Regulation 1272/2008 (CLP)

Hazard pictogram(s): Not required

Signal word: Not required

Hazard statement(s): Not required

Precautionary Statement(s): Not required

#### **2.3 Other hazard**

Not available

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### SECTION 3: Composition/information on ingredients

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#### **3.1 Substances:**

No components need to be reported according to the applicable regulations.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in section 8.**

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### SECTION 4: First aid measures

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#### **4.1 Description of first aid measures**

**Eyes contact:** In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Get medical attention.

**Skin contact:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Get medical attention.

**Inhalation:** Remove the victim from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.

**Ingestion:** **Do not induce vomiting.** If victim is conscious, wash mouth thoroughly with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

#### **4.2 Most important symptoms and effects, both acute and delayed**

See section 2.2 (Label elements) and/or section 11 (Toxicological information) for the most important known symptoms and effects.

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

Not available

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### SECTION 5: Fire-fighting measures

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#### **5.1 Extinguishing media**

**Suitable:** Use extinguishing media suitable to the surroundings such as, dry chemical powder, chemical foam, water spray and carbon dioxide.

**Not suitable:** N/A

#### **5.2 Special hazards arising from the substance or mixture**

Not combustible. When heated sufficiently, product may decompose to form smoke and toxic fumes, gases or vapours that may cause dizziness. Toxic fumes such as carbon and sodium oxides may be evolved on thermal decomposition.

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

**Special protective equipment for fire fighters:** Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

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### SECTION 6: Accidental release measures

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

Use personal protective equipment. Avoid inhalation of dusts or aerosols. Ensure adequate ventilation. Ventilate area of spill.

#### **6.2 Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas.

#### **6.3 Methods and materials for containment and cleaning up**

Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

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

See Section 1 for emergency contact information.

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### SECTION 7: Handling and storage

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#### **7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of dusts or aerosols. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

#### **7.2 Conditions for safe storage, including any incompatibilities**

**Storage:** Keep only in original container. Avoid large temperature changes and store in a cool, dry, well ventilated environment and away from direct sunlight. Keep containers closed when not in use. Keep away from strong acids and strong oxidizing compounds.

#### **7.3 Specific end use(s):** N/A

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### SECTION 8: Exposure control/personal protection

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#### **8.1 Control parameters**

Occupational exposure limits: N/A

#### **8.2 Exposure controls**

##### Engineering measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

##### Person protective measures

Respiratory protection: Disposable particulate mask. Be sure to use an approved/certified equipment or equivalent equipment. Wear appropriate respirator when ventilation is inadequate.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety glasses.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

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During normal non-professional use of the preparation no personal protective equipment is required. However, in case of manufacture or spillage, use as appropriate to the size of the spill.

Environmental exposure controls: Not available

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### SECTION 9: Physical and chemical properties

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#### **9.1 Information on basic physical and chemical properties**

Appearance: white powder

Odour: none

Odour threshold: N/A

pH: N/A

Melting point/Freezing point: N/A

Initial boiling point/boiling range: N/A

Flash point: N/A

Evaporation rate: N/A

Flammability: non-combustible

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Relative Density: N/A

Solubility(ies): completely soluble in water

Partition coefficient Octanol/Water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Explosive properties: N/A

Oxidizing properties: N/A

#### **9.2 Other information**

Not available

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### SECTION 10: Stability and reactivity

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#### **10.1 Reactivity**

Not available.

#### **10.2 Chemical stability**

The product is stable under normal handling and storage conditions described in Section 7.

#### **10.3 Possibility of hazardous reactions**

Hazardous reactions are not expected, under normal conditions of storage and use.

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

Long term exposure to heat and direct sunlight.

#### **10.5 Incompatible materials**

Strong acids, strong oxidizing compounds.

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

Other decomposition products: not available

In the event of fire: see section 5

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### SECTION 11: Toxicological information

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#### 11.1 Information on toxicological effects

##### Acute toxicity:

Product/substance name	Test	Species	Dose
Reef Foundation B Powder	LD50, Oral	Rat	4220 mg/kg

Skin corrosion/irritation: No compounds present have been identified as having corrosive or irritant properties.

Serious eye damage/irritation: No compounds present have been identified as having corrosive or irritant properties.

Respiratory or skin sensitization: No compounds present in the preparation have been identified as having sensitizing properties.

Germ cell mutagenicity: No compounds present in the preparation have been identified as having mutagenic properties.

Carcinogenicity: No compounds present in the preparation have been identified as having carcinogenic properties.

Reproductive toxicity: No compounds present in the preparation have been identified as having reproductive toxicity properties.

Specific target organ toxicity (single exposure): Not available

Specific target organ toxicity (repeated exposure): Not available

Aspiration hazard: Not available

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### SECTION 12: Ecological information

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#### 12.1 Toxicity

Not available

#### 12.2 Persistence and Degradability

Compounds present in the preparation would be readily bio-degradable in the environment.

#### 12.3 Bioaccumulative potential

Not available

#### 12.4 Mobility in soil

Though there is no specific information on the mobility of compounds in the preparation, they are soluble under normal environmental conditions in water so would also be expected to be highly mobile in soil.

#### 12.5 Results of PBT and vPvB assessment

Not available

#### 12.6 Other adverse effects

No components in Reef Foundation B Powder have been shown to be hazardous to aquatic organisms.



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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

##### Packing

Empty containers should be taken for local recycling, recovery or waste disposal.

### SECTION 14: Transport information

#### 14.1 Un number

ADR/RID: -                      IMDG: -                      IATA: -                      DOT (US): -

#### 14.2 UN proper shipping name

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

DOT (US): Not regulated

#### 14.3 Transport hazard class(es)

ADR/RID: -                      IMDG: -                      IATA: -                      DOT (US): -

#### 14.4 Packing group

ADR/RID: -                      IMDG: -                      IATA: -                      DOT (US): -

#### 14.5 Environmental hazard

ADR/RID: -                      IMDG: -                      IATA: -                      DOT (US): -

#### 14.6 Special precautions for user

Not available

#### 14.7 Transport to bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

### SECTION 15: Regulatory information

This SDS complies with the following requirements of:

EU Directives 67/548/EEC (DSD) and 1999/45/EC (DPD), including amendments

EU Regulation (EC) No.1907/2006 (REACH) including amendments

Regulation (EC) No.1272/2008 (CLP)

29 CFR 1910.1200 (OSHA HCS)

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



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### TSCA inventory

All components of the product are listed in the TSCA inventory.

### **15.2 Chemical safety assessment**

Not available

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## **SECTION 16: Other information**

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### **NFPA Rating**

Health hazard: 0

Fire Hazard: 0

Reactivity Hazard: 0

Training advice: Before using/handling the product one must read carefully present SDS.

### Key Legend Information:

CAS - Chemical Abstract Service

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NTP - National Toxicology program

IARC - International Agency for Research on Cancer

N/A - Not available

R-phrases- Risk phrases

H-statements- Hazard statements

TLV - Threshold Limit Value

TWA - Time-weighted average

STEL - Short-Term Exposure Limit

CSA - Chemical safety assessment

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