

## SAFETY DATA SHEET

Aiptasia -X

Page 1 of 8

Date of issue: 20/08/2015

Date of revision: 20/08/2015

Version no.: 1

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

#### **1.1 Product identifier**

Product name: Aiptasia -X

Product code: R22221

#### **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.co.il](mailto:sharonr@redseafish.co.il)

#### **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):

Eye Irrit. 2A H319

Skin Irrit. 2 H315

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

Eye Irrit. 2 H319

Skin Irrit. 2 H315

See section 16 for the full text of the H-statements declared above.

#### **2.2 Label elements**

Labelling according to 29 CFR 1910.1200 (OSHA HCS)

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):

H319: Causes serious eye irritation.

H315: Causes skin irritation.

## SAFETY DATA SHEET

Aiptasia -X

Page 2 of 8

Precautionary Statement(s):

P102: Keep out of reach of children.  
 P264: Wash ... thoroughly after handling.  
 P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
 P362: Take off contaminated clothing and wash before reuse.

Labelling in accordance with Regulation 1272/2008 (CLP)

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):

H319: Causes serious eye irritation.  
 H315: Causes skin irritation.

Precautionary Statement(s): Not required

P102: Keep out of reach of children.  
 P264: Wash ... thoroughly after handling.  
 P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
 P362: Take off contaminated clothing and wash before reuse.

**2.3 Other hazard**

Not available

---

**SECTION 3: Composition/information on ingredients**

---

**3.2 Mixtures:**

Substance name	Identifiers	%	CLP Classification	OSHA HCS Classification
Calcium chloride	CAS number: 10043-52-4 EC number: 233-140-8	<10%	Eye Irrit. 2 H319	Eye Irrit. 2A H319
Sodium hydroxide	CAS number: 1310-73-2 EC number: 215-185-5	<1%	Skin Corr. 1A H314	Skin Corr. 1A H314

See section 16 for the full text of the H-statements declared above.

**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.**

---

**SECTION 4: First aid measures**

---

**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

---

**SECTION 5: Fire-fighting measures**

---

**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**

The preparation is water based and not combustible or explosive. When heated sufficiently, product may decompose to form smoke and toxic fumes, gases or vapours that may cause dizziness. Toxic fumes such as Hydrogen Chloride and Calcium oxide 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.

---

**SECTION 6: Accidental release measures**

---

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

Use personal protective equipment. Avoid breathing vapors, mist or gas. 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**

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

## SAFETY DATA SHEET

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

See Section 1 for emergency contact information.

---

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

---

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

Avoid contact with skin and eyes. Avoid inhalation of vapors, mist or gas. 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 away from direct sunlight. Keep containers closed when not in use. Keep away from strong oxidizing and reducing agents, aniline, phenol, isocyanates, acid anhydrides, strong acids and bases, amines, peroxides, acid chlorides, alkali metals, anhydrous copper(II) sulphate, powdered metals, hydroxylamine and magnesium.

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

---

## **SECTION 8: Exposure control/personal protection**

---

### **8.1 Control parameters**

<b>Substance name</b>	<b>Occupational exposure limits</b>
Sodium hydroxide	ACGIH-TLV 2 mg/m <sup>3</sup> (CEIL) OSHA-PEL 2 mg/m <sup>3</sup> (TWA) NIOSH-REL 2 mg/m <sup>3</sup> (CEIL), 15M

### **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.

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

---

**SECTION 9: Physical and chemical properties**

---

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

Appearance: purple viscous liquid

Odour: pungent

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 to give an acidic solution

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

---

**SECTION 10: Stability and reactivity**

---

**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**

Reacts violently with hydroxylamine and magnesium, may produce heat.

**10.4 Conditions to avoid**

Long term exposure to heat and direct sunlight.

**10.5 Incompatible materials**

Strong oxidizing and reducing agents, aniline, phenol, isocyanates, acid anhydrides, strong acids and bases, amines, peroxides, acid chlorides, alkali metals, powdered metals, and anhydrous copper(II) sulphate.

**10.6 Hazardous decomposition products**

Other decomposition products: not available

In the event of fire: see section 5

---

**SECTION 11: Toxicological information**

---

**11.1 Information on toxicological effects**

Acute toxicity:

Product/substance name	Test	Species	Dose
Calcium chloride	LD50, Oral	Rat	1000 mg/kg

Skin corrosion/irritation: Not available

Serious eye damage/irritation: Not available

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

Other effect:

The preparation is classified as being irritating. Inhalation of spray or mist will irritate the respiratory system and ingestion will damage the linings of the mouth, throat and gastro-intestinal tract.

---

**SECTION 12: Ecological information**

---

**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**

Aiptasia-X does not contain components that have been shown to be hazardous to aquatic organisms.

## SAFETY DATA SHEET

---

### 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.

TSCA inventory

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

**15.2 Chemical safety assessment**

Not available

**SECTION 16: Other information****NFPA Rating**

Health hazard: 2

Fire Hazard: 0

Reactivity Hazard: 0

**Full text of Hazards Statements referred to in sections 2 and 3:**

Skin Corr. - Skin corrosion

Skin Irrit. - Skin irritation

Eye Irrit.- Eye irritation

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

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

Date of issue: 20/08/2015

Version no.: 1

This SDS and the information presented within it are based on data held by Hazmat, Ltd. and the current legislation as at the date stated on it. Anyone wishing to make use of the information presented within this document is obligated to update its instructions from time to time. The information presented in the SDS is based on the manufacturer's data and/ or the supplier of the substance/ product which is the subject of this SDS, as provided to Hazmat, Ltd. by the client and in the absence of such data the information was taken from a variety of literary professional sources. The information presented in this SDS is appropriate for the uses specified in paragraph 1 of the SDS only. It is emphasized, that the information specified in this SDS does not replace specific safety instructions for uses of the substance/ product which is the subject of this SDS, which were not explicitly specified in the SDS. Individual professional consultation should be received, and specific safety instructions should be read prior to any mixing of the substance which is the subject of this SDS with other substances and the stated in this SDS does not cover the entire safety instructions relating to mixing the substance which is the subject of this SDS with other substances and does not constitute a replacement to obtaining specific consultation as stated. Hazmat, Ltd. is not liable to any damage and/ or any loss, financial or otherwise, and will not accept responsibility, directly or indirectly, to damages of any kind, including as a result of failure to update and/ or misunderstanding and/ or misuse/ misinterpretation of the information within the document. Any question arising regarding the use of the SDS should be directed to Hazmat, Ltd., 19 Ha'Melacha st. Rosh Ha'Ayin, Tel: +972-3-9037141, fax: +972-3-9032717, email: [hazmat@hazmat.co.il](mailto:hazmat@hazmat.co.il). The information detailed in this SDS was prepared by Hazmat, Ltd. for the orderer of the SDS and is for their use only. The contents of this SDS is the property of Hazmat, Ltd. only and it is strictly prohibited to copy, modify, edit, distribute, sell or take any other action which involves infringement of Hazmat's copyrights without the prior written consent of Hazmat, Ltd.