SAFETY DATA SHEET

Date of issue: 30/07/2015 Date of revision: 17/08/23 Version no.: 3

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

1.1 Product identifier

Product name: Reef Foundation Pro Multi Test Kit Package

Product code: R21510

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

Aquarium water quality test kit.

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

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):

Calcium pro test kit

Reagent A	Reagent B	Reagent C
Met. Corr. 1 H290 Skin Corr. 1A H314	Not classified	Eye Irrit. 2A H319 Skin Irrit. 2 H315

Alkalinity pro test kit

Acute Tox. 4 H302

Magnesium pro test kit

Reagent A	Reagent B	Reagent C
Met. Corr. 1 H290 Skin Corr. 1A H314 Acute Tox. 4 H302, H312	Not classified	Eye Irrit. 2A H319 Skin Irrit. 2 H315

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

Calcium pro test kit

Reagent A	Reagent B	Reagent C
Met. Corr. 1 H290 Skin Corr. 1A H314	Not classified	Eye Irrit. 2 H319 Skin Irrit. 2 H315

Alkalinity pro test kit

Acute Tox. 4 H302

Magnesium pro test kit

Reagent A	Reagent B	Reagent C
Met. Corr. 1 H290 Skin Corr. 1A H314 Acute Tox. 4 H302, H312	Not classified	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)

Calcium pro test kit - Reagent A

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s):
H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.

Precautionary Statement(s):
P102: Keep out of reach of children.
P234: Keep only in original container.
P280: Wear protective gloves/ protective clothing/eye protection/face protection.
P301 + P330 + P331 + P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON Center or doctor/physician.
P303 + P361 + P353 + P310: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower. Immediately call a POISON Center or doctor/physician.
P305 + P351 + P338 + P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON Center or doctor/physician.
P363: Wash contaminated clothing before reuse.

Calcium pro test kit - Reagent B

Hazard pictogram(s): Not required
Signal word: Not required
Hazard statement(s): Not required
Precautionary Statement(s): Not required

Calcium pro test kit - Reagent C

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):
H319: Causes serious eye irritation.
H315: Causes skin irritation.

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.

Alkalinity pro test kit

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):
H302: Harmful if swallowed.

Precautionary Statement(s):
P102: Keep out of reach of children.
P270: Do not eat, drink or smoke when using this product.

Magnesium pro test kit - Reagent A

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s):
H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.

Precautionary Statement(s):
P102: Keep out of reach of children.
P234: Keep only in original container.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P363: Wash contaminated clothing before reuse.

Magnesium pro test kit - Reagent B

Hazard pictogram(s): Not required
Signal word: Not required
Hazard statement(s): Not required
Precautionary Statement(s): Not required

Magnesium pro test kit - Reagent C

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):
H319: Causes serious eye irritation.
H315: Causes skin irritation.

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)

Calcium pro test kit - Reagent A

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s):
H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.

Precautionary Statement(s):
P102: Keep out of reach of children.
P234: Keep only in original container.
P280: Wear protective gloves/ protective clothing/eye protection/face protection.
P301 + P330 + P331 + P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON Center or doctor/physician.
P303 + P361 + P353 + P310: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower. Immediately call a POISON Center or doctor/physician.
P305 + P351 + P338 + P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON Center or doctor/physician.
P363: Wash contaminated clothing before reuse.

Calcium pro test kit - Reagent B

Hazard pictogram(s): Not required
Signal word: Not required
Hazard statement(s): Not required
Precautionary Statement(s): Not required

Calcium pro test kit - Reagent C

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):
H319: Causes serious eye irritation.
H315: Causes skin irritation.

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.

Alkalinity pro test kit

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):
H302: Harmful if swallowed.

Precautionary Statement(s):
P102: Keep out of reach of children.
P270: Do not eat, drink or smoke when using this product.

Magnesium pro test kit - Reagent A

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s):
H290: May be corrosive to metals.
H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.

Precautionary Statement(s):
P102: Keep out of reach of children.
P234: Keep only in original container.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P363: Wash contaminated clothing before reuse.

Magnesium pro test kit - Reagent B

Hazard pictogram(s): Not required
Signal word: Not required
Hazard statement(s): Not required
Precautionary Statement(s): Not required

Magnesium pro test kit - Reagent C

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):
H319: Causes serious eye irritation.
H315: Causes skin irritation.

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.

2.3 Other hazard
Not available

SECTION 3: Composition/information on ingredients

3.2 Mixtures:

Calcium pro test kit - Reagent A

Substance name	Identifiers	%	CLP Classification	OSHA HCS Classification
Sodium hydroxide	CAS number: 1310-73-2 EC number: 215-185-5	10-25	Skin Corr. 1A H314	Skin Corr. 1A H314

Calcium pro test kit - Reagent B
No components need to be reported according to the applicable regulations.

Calcium pro test kit - Reagent C

Substance name	Identifiers	%	CLP Classification	OSHA HCS Classification
Edetic acid (EDTA)	CAS number: 60-00-4 EC number: 200-449-4	1-5	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

Alkalinity pro test kit

Substance name	Identifiers	%	CLP Classification	OSHA HCS Classification
Mono ethylene glycol	CAS number: 107-21-1 EC number: 203-473-3	50-75	Acute Tox. 4 H302	Acute Tox. 4 H302
Hydrochloric acid	CAS number: 7647-01-0 EC number: 231-595-7	<1	Skin Corr. 1B H314 STOT SE 3 H335	Skin Corr. 1B H314 STOT SE 3 H335

Magnesium pro test kit - Reagent A

Substance name	Identifiers	%	CLP Classification	OSHA HCS Classification
Sodium tetraborate decahydrate *	CAS number: 1303-96-4 EC number: 215-540-4 (anhydrous)	1-5	Repr. 1B H360FD	Repr. 1B H360FD
Potassium hydroxide	CAS number: 1310-58-3 EC number: 215-181-3	1-5	Acute Tox. 4 H302 Skin Corr. 1A H314	Acute Tox. 4 H302 Skin Corr. 1A H314
Oxalic acid	CAS number: 144-62-7 EC number: 205-634-3	1-5	Acute Tox. 4 H302, H312	Acute Tox. 4 H302, H312

* Included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH), toxic for reproduction (article 57c).

Magnesium pro test kit - Reagent B

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

Magnesium pro test kit - Reagent C

Substance name	Identifiers	%	CLP Classification	OSHA HCS Classification
Edetic acid (EDTA)	CAS number: 60-00-4 EC number: 200-449-4	5-10	Eye Irrit. 2 H319	Eye Irrit. 2 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 reagents tend to be water based and are not combustible or explosive. When heated sufficiently, product may decompose to form smoke and toxic fumes, gases or vapours that may cause dizziness.

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
For liquid: 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.
For solid: 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.

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 and away from direct sunlight. Keep containers closed when not in use. Keep away from acids, alkalis, oxidizing compounds and metals.

7.3 Specific end use(s): N/A

SECTION 8: Exposure control/personal protection

8.1 Control parameters

Substance name	Occupational exposure limits
Sodium hydroxide	ACGIH-TLV 2 mg/m^3 (CEIL) OSHA-PEL 2 mg/m^3 (TWA) NIOSH-REL 2 mg/m^3 (CEIL), 15M
Mono ethylene glycol	ACGIH-TLV 100 mg/m^3 (CEIL), aerosol
Hydrochloric acid	ACGIH-TLV 2 ppm (CEIL) OSHA-PEL 5 ppm (CEIL) NIOSH-REL 5 ppm (CEIL)
Sodium tetraborate decahydrate	ACGIH-TLV 2 mg/m^3 (TWA), 6 mg/m^3 (STEL), inhal. NIOSH-REL 5 mg/m^3 (TWA)
Potassium hydroxide	ACGIH-TLV 2 mg/m^3 (CEIL) NIOSH-REL 2 mg/m^3 (TWA)
Oxalic acid	ACGIH-TLV 1 mg/m^3 (TWA), 2 mg/m^3 (STEL) OSHA-PEL 1 mg/m^3 (TWA) NIOSH-REL 1 mg/m^3 (TWA), 2 mg/m^3 (STEL)

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 chemical kit 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

Calcium pro test kit

	Reagent A	Reagent B	Reagent C
Appearance:	colorless liquid	off-white powder	colorless liquid
Odour:	none	none	none
Odour threshold:	N/A	N/A	N/A
pH:	~13	N/A	N/A
Melting point/Freezing point:	N/A	N/A	N/A
Initial boiling point/boiling range:	N/A	N/A	N/A
Flash point:	N/A	N/A	N/A
Evaporation rate:	N/A	N/A	N/A
Flammability:	non-combustible	non-combustible	non-combustible
Upper/lower flammability or explosive limits:	N/A	N/A	N/A
Vapor pressure:	N/A	N/A	N/A
Vapor density:	N/A	N/A	N/A
Relative Density:	N/A	N/A	N/A
Solubility(ies):	completely soluble to give an alkaline solution	completely soluble to give an neutral solution	completely soluble to give an neutral solution
Partition coefficient Octanol/Water:	N/A	N/A	N/A
Auto-ignition temperature:	N/A	N/A	N/A
Decomposition temperature:	N/A	N/A	N/A
Viscosity:	N/A	N/A	N/A
Explosive properties:	N/A	N/A	N/A
Oxidizing properties:	N/A	N/A	N/A

Alkalinity pro test kit

Appearance:	light orange clear liquid
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 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

Magnesium pro test kit

	Reagent A	Reagent B	Reagent C
Appearance:	colorless liquid	dark red liquid	colorless liquid
Odour:	none	none	none
Odour threshold:	N/A	N/A	N/A
pH:	11	N/A	N/A
Melting point/Freezing point:	N/A	N/A	N/A
Initial boiling point/boiling range:	N/A	N/A	N/A
Flash point:	N/A	N/A	N/A
Evaporation rate:	N/A	N/A	N/A
Flammability:	non-combustible	non-combustible	non-combustible
Upper/lower flammability or explosive limits:	N/A	N/A	N/A
Vapor pressure:	N/A	N/A	N/A
Vapor density:	N/A	N/A	N/A
Relative Density:	N/A	N/A	N/A
Solubility(ies):	completely soluble to give an alkaline solution	completely soluble to give an neutral solution	completely soluble to give an alkaline solution
Partition coefficient Octanol/Water:	N/A	N/A	N/A
Auto-ignition temperature:	N/A	N/A	N/A
Decomposition temperature:	N/A	N/A	N/A
Viscosity:	N/A	N/A	N/A
Explosive properties:	N/A	N/A	N/A
Oxidizing properties:	N/A	N/A	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
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
Acids, alkalis, oxidising compounds and metals. May produce heat.

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
Hydrochloric acid	LC50, Inhalation	Rat	3700 ppm/30M
Sodium tetraborate decahydrate	LD50, Oral	Rat	2660 mg/kg
Potassium hydroxide	LD50, Oral	Rat	273 mg/kg

Skin corrosion/irritation: Not available

Serious eye damage/irritation: Not available

Respiratory or skin sensitization: Not available

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

Carcinogenicity: No compounds present in the reagents have been identified as having carcinogenic, mutagenic properties.

Reproductive toxicity: Magnesium pro test kit - Reagent A contains sodium tetraborate decahydrate, but at levels below the threshold for classification. This compound has been found to have effects on reproduction and fertility.

Specific target organ toxicity (single exposure): Not available

Specific target organ toxicity (repeated exposure): Not available

Aspiration hazard: Not available

Other effects:
The Alkalinity pro test kit is classified as being harmful due to the levels present of ethylene glycol. Ethylene glycol when ingested can mimic alcohol inebriation followed by nausea, vomiting, abdominal pain, weakness, muscle tenderness, respiratory failure, convulsions, cardiovascular collapse, pulmonary edema, hypocalcemic tetany, and severe metabolic acidosis. Without treatment, death may occur in 8 to 24 hours. Victims who survive the initial toxicity period usually develop renal failure along with brain and liver damage. Exposure to and/or consumption of alcohol may increase toxic effects.
Calcium pro test kit - Reagent A is classified as being corrosive due to the level of sodium hydroxide present while Magnesium pro test kit - Reagent A is also classified as corrosive due to presence of potassium hydroxide. Both compounds will cause local damage in contact with tissue of the eyes and skin. Inhalation of spray or mist will irritate the respiratory system and ingestion will damage the linings of the mouth, throat and gastro-intestinal tract.
Sodium hydroxide is also present in Calcium pro test kit - Reagent C, though at a much lower level than Calcium pro test kit - Reagent A and may cause irritation in contact with tissue of the eyes and skin. Inhalation of spray or mist will irritate the respiratory system and ingestion may damage the linings of the mouth, throat and gastro-intestinal tract.
A compound classified as being corrosive is also present at very low concentrations (<1%) within the Alkalinity pro test kit and may cause irritation when in contact with eyes and skin. Inhalation may irritate the respiratory system and if ingested, irritation of the linings of the mouth, troat and gastro-intestinal tract could occur.
A compound in Calcium pro test kit - Reagent B is also classified as being an irritant, but at the levels present (<1%), should not have any adverse effect.

SECTION 12: Ecological information

12.1 Toxicity

Product/substance name	Toxicity to fish
Sulphanilic acid	LC50/96h (Fathead Minnow) 100.4 mg/L

12.2 Persistence and Degradability
Not available

12.3 Bioaccumulative potential
Compounds present in the reagents would be readily bio-degradable in the environment.

12.4 Mobility in soil
Though there is no specific information on the mobility of compounds in the reagents, 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
Calcium pro test - Reagent A is highly alkaline so may be inadvertently hazardous to aquatic organisms.

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: 3316 IMDG: 3316 IATA: 3316 DOT (US): 3316

14.2 UN proper shipping name
ADR/RID: CHEMICAL KIT

IMDG: CHEMICAL KIT

IATA: Chemical kit

DOT (US): Chemical kit

14.3 Transport hazard class(es)
ADR/RID: 9 IMDG: 9 IATA: 9 DOT (US): 9

14.4 Packing group
ADR/RID: II 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
Chemicals known to the state to cause reproductive toxicity:
Ethylene glycol (ingested) CAS 107-21-1

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

Calcium pro test kit

Reagent A	Reagent B	Reagent C
Health hazard: 3 Fire Hazard: 0 Reactivity Hazard: 0	Health hazard: 0 Fire Hazard: 0 Reactivity Hazard: 0	Health hazard: 2 Fire Hazard: 0 Reactivity Hazard: 0

Alkalinity pro test kit

Health hazard: 2 Fire Hazard: 0 Reactivity Hazard: 0

Magnesium pro test kit

Reagent A	Reagent B	Reagent C
Health hazard: 3 Fire Hazard: 0 Reactivity Hazard: 0	Health hazard: 0 Fire Hazard: 0 Reactivity Hazard: 0	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
Met. Corr. - Substance or mixture corrosive to metals
Acute Tox. - Acute toxicity
Eye Irrit.- Eye irritation
STOT SE - Specific target organ toxicity — single exposure
Repr. - Reproductive toxicity
Skin Irrit. - Skin irritation
H290: May be corrosive to metals.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H360FD: May damage fertility. May damage the unborn child.

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
TSCA - United States Toxic Substances Control Act Inventory

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