



1. Identification of the substance of mixture and the company or undertaking													
<b>1.1 Product identifiers</b>													
Catalogue No.													
Product Name	SeaTest Mg – Solution 1												
Reach Registration number													
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>													
Identified Uses	Reagent for analysis												
<b>1.3 Details of the supplier of the safety data sheet</b>													
Company	AQUARIUM SYSTEMS S.A.S ZAC des Terrasses de la Sarre 2, Terrasse Rhône-Alpes 57400 SARREBOURG France Phone : +33-3-87-03-67-30 Fax. +33-3-87-03-10-98 Email: aquariumsystems@aquariumsystems.fr												
1.4 Emergency telephone	+33 3 83 32 36 36 (NANCY Poison Control Centre)												
2. Hazards Identification													
<b>2.1 Classification of the substance or mixture</b>													
	Acute toxicity, oral ( category 4) Eye irritation (category 2) Skin irritation (category 2)  Toxic if swallowed. Irritating to eyes and skin. Contact with acids liberates very toxic gas.												
<b>2.2 Label elements</b>													
Labeling ( Regulation (EC) No. 12.72/2008	This product does not to be labeled in accordance to GHS												
<b>2.3 Other Hazards</b>													
	None Known												
3. Composition / information on ingredients													
<b>3.1 Substances/Mixture</b>													
	Aqueous solution of inorganic substance(s)												
<b>3.2. Hazardous ingredients</b>													
	<table border="0"> <thead> <tr> <th></th> <th>CAS-No.</th> <th>EC No.</th> <th>EC-Index-No.</th> <th>Classification</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>Sodiumfluoride</td> <td>7681-49-4</td> <td>231-667-8</td> <td>009-004-00-7</td> <td>Acu. Tox.oral 3, H301 Skin. irr. 2, H315 Eye irr 2, H319</td> <td>5 %</td> </tr> </tbody> </table> Full text of H-Phrases in section 16		CAS-No.	EC No.	EC-Index-No.	Classification	Content	Sodiumfluoride	7681-49-4	231-667-8	009-004-00-7	Acu. Tox.oral 3, H301 Skin. irr. 2, H315 Eye irr 2, H319	5 %
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<b>4. First Aid Measures</b>													
<b>4.1 General Advice</b>													
	In case of feeling unwell, consult a physician. Show this safety data sheet to the doctor in attendance.												
If inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a Physician												
In case of skin contact	Wash off with soap and plenty of water. Take victim immediately to hospital, Consult a Physician												
In case of eye contact:	Flush with plenty of water for 15 minutes. Consult a Physician												
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a Physician												
<b>4.2 Most important symptoms and effects, both acute and delayed</b>													
	Prolonged or repeated exposure can cause: Damage to the lungs												
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>													
	No information available												
5. Fire-fighting measures													
<b>5.1 Extinguishing media</b>													
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide												
<b>5.2 Special hazards arising from the substance or mixture</b>													
	Hydrogenfluorids, Sodiumoxide												
<b>5.3 Advice for firefighters</b>													
	Wear self contained breathing apparatus for firefighting if necessary												
<b>5.4 Further information</b>													



	No data available
<b>6. Accidental release measures</b>	
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
	Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
<b>6.2 Environmental Precautions</b>	
	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
<b>6.3 Methods and materials for containment and cleaning up</b>	
	Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.
<b>6.4 Reference to other sections</b>	
	For disposal see section 13
<b>7. Handling and storage</b>	
<b>7.1 Precautions for safe handling</b>	
	Avoid contact with Skin, eyes and clothing. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
	Store tightly closed at + 15° C to 25 ° C, light sensitive.
<b>7.3 Specific end uses</b>	
	No data available
<b>8. Exposure controls/ personal protection</b>	
<b>8.1 Control parameters</b>	
	Components with workplace control parameters
<b>8.2 Exposure controls</b>	
Engineering measures	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
Individual protection measures	Protective clothes needs to be selected specially for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier
Eye/face protection	Safety glasses
Skin protection	<p>Handle with gloves.</p> <p><b>Immersion protection</b>                      Material: Nitrile rubber                      Minimum layer thickness: 0,11 mm                      Break through time: &gt; 480 min</p> <p><b>Splash protection</b>                      Material: Nitrile rubber                      Minimum layer thickness: 0,11 mm                      Break through time: &gt; 30 min</p> <p>If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.</p>
Body Protection	The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	Respiratory protection is not required.
Environmental exposure controls	Do not empty into drains
<b>9. Physical and chemical properties</b>	
<b>9.1 Information on basic physical and chemical properties</b>	
Form	Liquid
Color	Colorless
Odor	Odorless
Odor threshold	No data available
pH	10,2 at 25 °C
Melting point	No data available

Boiling Point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability ( solid gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	soluble
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
<b>9.2 Other safety information</b>	
	No data available
<b>10. Stability and reactivity</b>	
<b>10.1 Reactivity</b>	
	No data available
<b>10.2 Chemical stability</b>	
	No data available
<b>10.3 Possibility of hazardous reaction</b>	
	No data available
<b>10.4 Conditions to avoid</b>	
	No data available
<b>10.5 Incompatible materials</b>	
	Strong acids
<b>10.6 Hazardous decomposition products</b>	
	No data available
<b>11. Toxicological information</b>	
<b>11.1 Information in toxicological effects</b>	
<b>Acute toxicity</b>	
	LD50 Oral - rat - 620 mg/kg LD50 Oral - mouse - 880 mg/kg LD50 Oral - rabbit - 4000 mg/kg LDLO Oral - Human - 1420 mg/kg Remarks: Behavioral:Tremor. Musculoskeletal: Changes in teeth and supporting structures. Musculoskeletal: Other changes.
<b>Skin corrosion / Irritation</b>	Skin - rabbit No skin irritation
<b>Serious Eye damage/ eye irritation</b>	Eyes - rabbit – moderate eye irritation
<b>Respiratory or skin sensitization</b>	No data available
<b>Germ cell mutagenicity</b>	No data available
<b>Carcinogenicity</b>	This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Sodium fluoride)
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ – toxicity</b>	No data available
<b>Specific target organ - repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>Potential health effects</b>	Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed.



	Skin Eyes	May be harmful if absorbed through skin. Causes skin irritation. May causes eye burns
<b>Signs and Symptoms of Exposure</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	
<b>Additional Information</b>	RTECS:WB0350000	
<b>12. Ecological information</b>		
<b>12.1 Toxicity</b>		
	Toxicity to fish Cyprinodon variegatus (sheepshead minnow) - LC50 - Oncorhynchus mykiss (rainbow trout) - Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) -	10000 mg/l - 96 h 4000 mg/l - 96 h 196 mg/l - 48 h
<b>12.2 Persistence and degradability</b>		
	Biodegradability Method: Directive 67/548/EEC Annex V, C.4.C.	
<b>12.3 Bioaccumulative potential</b>		
	No data available	
<b>12.4 Mobility in soil</b>		
	No data available	
<b>12.5 Results of PBT and vPvB assessment</b>		
	No data available	
<b>12.6 Other adverse effects</b>		
	Harmful to aquatic life. no data available	
<b>13. Disposal considerations</b>		
<b>13.1 Waste treatment methods</b>		
Product	Chemicals must be disposed of in compliance with the respective national regulations	
Contaminated packaging	Product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system.	
<b>14. Transport information</b>		
<b>14.1 UN Number</b>		
	ADR/RID:1690	IMDG: 1690 IATA: 1690-
<b>14.2 UN Proper shipping name</b>		
	ADR/RID: IMDG: IATA:	Sodium Fluorid solution low concentration Sodium Fluorid solution low concentration Sodium Fluorid solution low concentration
<b>14.3 Transport Hazards Class(es)</b>		
	ADR/RID: 6.1	IMDG: 6.1 IATA: 6.1
<b>14.4 Packaging group</b>		
	ADR/RID: III	IMDG: III IATA: III
<b>14.5 Environmental hazards</b>		
	ADR/RID: no	IMDG marine pollutant: no IATA: no
<b>14.6 Special precautions for user</b>		
	No data available	
<b>15. Regulatory information</b>		
	This safety data sheet complies with the requirements of Regulation ( EC) no. 1907/2006	
<b>15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture</b>		
	No data available	
<b>15.2 Chemical safety Assessment</b>		
	No data available	
<b>16. Other information</b>		
	The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product	
	H301	Toxic if swallowed
	H315	Causes skin irritations
	H319	Causes serious eye irritation