1. Identification of the substance of mixture and the company or undertaking	
1.1 Product identifiers	
Catalogue No.	
Product Name	SeaTest NH4 - Solution 3
Reach Registration number	
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified Uses	Reagent for analysis
1.3 Details of the supplier of the safety data sheet	
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	
2.1 Classification of the substance or mixture	
	Flammable liquids (Category 2) Eye irritation (Category 2) Specific target organ toxicity - single exposure (Category 3)
2.2 Label elements	
Labeling (Regulation (EC) No. 12.72/2008	No need to be labeled according GHS
2.3 Other Hazards	
	None Known
3. Composition / information on ingredients	
3.1 Substances/Mixture	
	Aqueous solution of inorganic substances
3.2. Hazardous ingredients	
	CAS-No. EC No. EC-Index-No. Classification Content 2-Propanol 67-63-0 200-661-7 603-117-00-0 flam. Liquid 2 H225 <1 % Eye Irr. H319 Spe. Tar. Org. H336 Full text of H-Phrases in section 16
4. First Aid Measures	
4.1 General Advice	
	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	Take off contaminated clothes/shoes immediately and wash off with soap and plenty of water. Consult a physician
In case of eye contact:	Rinse with plenty of water with eyelid held wide open. Consult a physician
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
4.2 Most important symptoms and effects, both acute and delayed	
	Central nervous system depression, prolonged or repeated exposure can cause:, Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects.
4.3 Indication of any immediate medical attention and special treatment needed	
	No information available

5. Fire-fighting measures	
5.1 Extinguishing media	
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
5.2 Special hazards arising from the substance or mixture	
	Carbon oxides
5.3 Advice for firefighters	
	Wear self contained breathing apparatus for firefighting if necessary
5.4 Further information	
	No data available
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. Remove all sources of ignition. Evacuate personnel to safe areas.
6.2 Environmental Precautions	
	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
6.3 Methods and materials for containment and cleaning up	
	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).
6.4 Reference to other sections	
	For disposal see section 13
7. Handling and storage	
7.1 Precautions for safe handling	
	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.
7.2 Conditions for safe storage, including any incompatibilities	
	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Never allow product to get in contact with water during storage. Do not store near acids.
7.3 Specific end uses	
	No data available
8. Exposure controls/ personal protection	
8.1 Control parameters	
	Components with workplace control parameters
8.2 Exposure controls	
Engineering measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
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	Handle with gloves. **Immersion protection** Material: Nitrole rubber Minimum layer thickness: 0,4 mm Break through time: > 480 min **Splash protection** Material: Nitrile rubber Minimum layer thickness: 0,2 mm Break through time: > 30 min 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.
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
9. Physical and chemical properties	
9.1 Information on basic physical and chemical properties	
Form	Liquid
Color	colorless
Odor	Typical 2 -Propanol and Thymol
Odor threshold	No data available
pH	No data available
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	No data available
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
9.2 Other safety information	
	No data available
10. Stability and reactivity	
10.1 Reactivity	
	No data available
10.2 Chemical stability	
	No data available
10.3 Possibility of hazardous reaction	
	No data available
10.4 Conditions to avoid	
	Heat, flames and sparks. Extremes of temperature and direct sunlight.
10.5 Incompatible materials	
	Oxidizing agents, Acid anhydrides, Aluminium, Halogenated compounds, Acids
10.6 Hazardous decomposition products	
	No data available
11. Toxicological information	
11.1 Information in toxicological effects	
Acute toxicity	
	LD50 Oral - rat - 7.200 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Somnolence (general depressed activity). LC50 Inhalation - rat - 8 h - 22000 ppm LD50 Dermal - rabbit - 18.200 mg/kg
Skin corrosion / Irritation	Skin - rabbit - Mild skin irritation
Serious Eye damage/ eye irritation	Eyes - rabbit - Eye irritation - 24 h
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available

Carcinogenicity	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 (2-Propanol)
Reproductive toxicity	No data available
Specific target organ – toxicity	No data available
Specific target organ - repeated exposure	May cause respiratory irritation
Aspiration hazard	No data available
Potential health effects	Inahlation: May be harmful if inhaled. May cause respiratory tract irritation. Vapours may cause drowsiness and dizziness. Ingestion: May be harmful if swallowed. Skin: May be harmful if absorbed through skin. May cause skin irritation. Eyes: Causes serious eye irritation.
Signs and Symptoms of Exposure	Central nervous system depression, prolonged or repeated exposure can cause:, Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects.
Additional Information	No data available
12. Ecological information	
12.1 Toxicity	
	Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 13770,00 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 7.280,00 mg/l - 24 h Immobilization EC50 - Daphnia magna (Water flea) - 9.780 mg/l - 24 h Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - > 2.850,00 mg/l - 72 h EC50 - Algae - > 1.430,00 mg/l - 24 h
12.2 Persistence and degradability	
	No data available
12.3 Bioaccumulative potential	
	No data available
12.4 Mobility in soil	
	No data available
12.5 Results of PBT and vPvB assessment	
	No data available
12.6 Other adverse effects	
	No data available
13. Disposal considerations	
13.1 Waste treatment methods	
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.
14. Transport information	
14.1 UN Number	
	ADR/RID: 3316 IMDG: 3316 IATA: 3316
14.2 UN Proper shipping name	
	ADR/RID: chemical testkit IMDG: chemical testkit IATA: chemical testkit
14.3 Transport Hazards Class(es)	
	ADR/RID: 3 IMDG: 3 IATA: 3
14.4 Packaging group	
	ADR/RID: II IMDG: II IATA: II
14.5 Environmental hazards	
	ADR/RID: no IMDG marine pollutant: no IATA: no
14.6 Special precautions for user	
	No data available
15. Regulatory information	
	This safety data sheet complies with the requirements of Regulation (EC) no. 1907/2006

15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture	
	No data available
15.2 Chemical safety Assessment	
	No data available
16. Other information	
	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 H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.