

HYGIENA USA
MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND COMPANY		
Product Name	AQUASNAP™ ATP Water Test TOTAL	
Product Number	AQ-100X	
Brand	Hygiena	
Company	Hygiena USA	
	941 Avenida Acaso	
	Camarillo, CA 93012, USA	
Telephone	805-388-8007	
Fax	805-388-5531	
Emergency Phone	888-494-4362	
E-mail	enquiries@hygiena.net	
2. HAZARDS IDENTIFICATION		
<p>This preparation is deemed non hazardous according to Directives 67/548/EEC and 1999/45/EC. The NaN₃ content is below the hazardous threshold (0.1%) as taken from Article 3 of ANNEX II, REACH regulations.</p>		
3. COMPOSITION/INFORMATION ON INGREDIENTS		
Luciferase	Formula	N/A
	Molecular Weight	N/A
	CAS-No	61970-00-1
	EC-No	263-359-4
	Index-No	none
	Classification	H315,H319,H335
Potassium D-Luciferin	Formula	C ₁₁ H ₈ N ₂ O ₃ S ₂ K
(S)-4,5-dihydro-2-(6-hydroxybenzothiazol-2-yl)thiazole-4-carboxylic acid	Molecular Weight	318.41
	CAS-No	2591-17-5
	EC-No	219-981-3
	Index-No	none
	Classification	none
Buffer Components	Formula	N/A
	Molecular Weight	N/A
	CAS-No	N/A
	EC-No	N/A
	Index-No	N/A
	Classification	H315,H319,H335
Stabilizer Components	Formula	N/A
	Molecular Weight	N/A
	CAS-No	N/A
	EC-No	N/A
	Index-No	N/A
	Classification	H302, H315, H319, H335
Detergent Components	Formula	N/A
	Molecular Weight	N/A
	CAS-No	N/A
	EC-No	N/A
	Index-No	N/A
	Classification	H302, H315, H319, H335

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Preservative (Sodium Azide)	Formula	NaN ₃
(Concentration in liquid in bulb ≤ 0.05%)	Molecular Weight	65.1
	CAS-No	26628-22-8
	EC-No	247-852-1
	Index-No	ANNEX 1 011-004-00-7
	Classification	H300, H310, H400
Benzethonium Chloride	Formula	C27H42ClNO2
(Concentration in liquid ≤ 0.06%, in tube)	Molecular Weight	448.08
(< 0.2mL)	CAS-No	121-54-0
	EC-No	204-479-9N/A
	Index-No	N/A
	Classification	H301, H314, H400
<p>FORM: Liquid reagent contained in bulb of device < 0.5 ml. Solution with plastic sample pick up device in plastic tube < 0.2 ml. If used according to manufacturer's instructions; the liquid stable reagent in bulb will not come in contact with the operator or sampling location.</p>		
<p>4. FIRST AID MEASURES</p>		
<p>If inhaled If breathed in, move person into fresh air. If not breathing give artificial respiration.</p>		
<p>In case of skin contact Wash with soap and plenty of water.</p>		
<p>In case of eye contact Flush eyes with copious amounts of water.</p>		
<p>If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water and seek medical advice.</p>		
<p>5. FIRE-FIGHTING MEASURES Not readily combustible. Burning plastic will give out fumes.</p>		
<p>Suitable extinguishing media Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.</p>		
<p>Special protective equipment Wear self contained breathing apparatus for fire fighting if necessary.</p>		
<p>6. ACCIDENTAL RELEASE MEASURES</p>		
<p>Personal precautions Wear appropriate protective clothing. No special personal protective equipment required.</p>		
<p>Environmental precautions None</p>		
<p>Methods for cleaning up Dilute with water and flush to waste.</p>		
<p>7. HANDLING AND STORAGE</p>		
<p>Handling Handle according to GLP (Good Laboratory Practice) use as directed by manufacturer.</p>		
<p>Storage Keep refrigerated between 2-8°C and keep in foil bag to protect from light.</p>		
<p>8. EXPOSURE CONTROLS/PERSONAL PROTECTION Contains no substances with occupational exposure limit values.</p>		
<p>Personal protective equipment</p>		

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No personal protective equipment required for normal use. Handle according to GLP (Good Laboratory Practices).		
Respiratory protection Not required.		
Hand protection For prolonged or repeat contact use protective gloves.		
Eye protection Safety glasses.		
Hygiene measures General Industrial hygiene practice.		
9. PHYSICAL AND CHEMICAL PROPERTIES		
Appearance	Form	Liquid in bulb of device, solution in plastic tube with plastic sample pick up device.
	Colour	Clear
Safety Data	pH	Neutral
	Melting point	n/a
	Boiling point	n/a
	Flash point	n/a
	Ignition Temp	n/a
	Lower exposure limit	n/a
	Upper exposure limit	n/a
	Water solubility	Readily miscible with water
10. STABILITY AND REACTIVITY		
Storage stability Stable. Keep refrigerated between 2-8°C. Keep in foil bag to protect from light.		
Materials to avoid None. Non reactive at concentration in preparation.		
Hazardous decomposition products Plastic components may emit toxic fumes if combusted.		
11. TOXICOLOGICAL INFORMATION Hazardous properties cannot be excluded but unlikely when handled appropriately. The product should be handled with the care usual when dealing with chemicals.		
12. ECOLOGICAL INFORMATION No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.		
13. DISPOSAL CONSIDERATIONS		
Product Observe local, State and Federal environmental regulations.		
Contaminated packaging Dispose of as unused product.		
14. TRANSPORT INFORMATION Not subject to transport regulations.		
15. REGULATORY INFORMATION		

Labeling according to Globally Harmonized System (GHS) of classification and labeling of chemicals.

No special labeling required, hazardous components are deemed non hazardous due to concentration in final preparation.

16. OTHER INFORMATION

This preparation does not meet the classification under Directives 67/548/EEC and 1999/45/EC as dangerous. The Azide content is below the threshold as stated in Article 3 of ANNEX II of Directive 1999/45/EC and is not considered dangerous.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Hygiena and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.