

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Contamination Control Kit ATP Test Kit

Product Number: CCK-4

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: info@hygiena.com

2. HAZARDS IDENTIFICATION

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Bioluminescent Reagent Bottle: 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 (S)-4,5-dihydro-2-(6-hydroxybenzothiazol-2-yl)thiazole-4-carboxylic acid	Formula	C ₁₁ H ₈ N ₂ O ₃ S ₂ K
	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

3. COMPOSITION/INFORMATION ON INGREDIENTS (CONTINUED)

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
Preservative (Sodium Azide) (Concentration in reagent ≤ 0.05%)	Formula	NaN ₃
	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
Extractant Bottle: CHDG (Concentration in liquid ≤ 0.1%)	Formula	N/A
	Molecular Weight	N/A
	CAS-No	18472-51-0
	EC-No	242-354-0
	Index-No	N/A
	Classification	H400, H411
ATP Bottle (10 nmol/L)	Formula	C ₁₀ H ₁₄ N ₅ NaO ₁₃ P ₃ •xH ₂ O
	Molecular Weight	551.14
	CAS-No	34369-07-8
	EC-No	213-579-1
	Index-No	N/A
	Classification	H316, H370,H402
FORM: The kit consists of 2 bottles each of Reagent and Extractant, 6 ml each; and 1 bottle of ATP, 2.5 mL, with plastic tubes, 100 for testing.		

4. FIRST AID MEASURES

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration and seek medical advice.

In case of skin contact

Wash with soap and plenty of water and seek medical advice.

In case of eye contact

Flush eyes with copious amounts of water and seek medical advice.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water and seek medical advice.

5. FIRE-FIGHTING MEASURES

Not readily combustible. Burning plastic will give out fumes.

Suitable extinguishing media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Special protective equipment

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear appropriate protective clothing. No special personal protective equipment required.

Environmental precautions

None

Methods for cleaning up

Dilute with water and flush to waste.

7. HANDLING AND STORAGE**Handling**

Handle according to GLP (Good Laboratory Practice) use as directed by manufacturer.

Storage

Keep refrigerated between 2-8°C and keep in foil bag to protect from light.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

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	The kit consists of 2 bottles each of Reagent and Extractant, 6 ml each; and 1 bottle of ATP, 2.5 ml, with plastic tubes, 100 for testing.
	Color	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.
