

## 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 NaN<sub>3</sub> 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 <sub>11</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub> S <sub>2</sub> 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 $\leq 0.05\%$ )	Formula	$\text{NaN}_3$
	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 $\leq 0.1\%$ )	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	$\text{C}_{10}\text{H}_{14}\text{N}_5\text{NaO}_{13}\text{P}_3 \cdot x\text{H}_2\text{O}$
	Molecular Weight	551.14
	CAS-No	34369-07-8
	EC-No	213-579-1
	Index-No	N/A
	Classification	H316, H370,H402
<b>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.</b>		

### 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

<b>Appearance</b>	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
<b>Safety Data</b>	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.



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#### 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.

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#### 12. ECOLOGICAL INFORMATION

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

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#### 13. DISPOSAL CONSIDERATIONS

##### **Product**

Observe local, State and Federal environmental regulations.

##### **Contaminated packaging**

Dispose of as unused product.

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#### 14. TRANSPORT INFORMATION

Not subject to transport regulations.

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#### 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.

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#### 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.

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