

# System Solution

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**Product Code** 1412  
**Infosafe No.** CV432 US/eng/C  
**Issued Date** 2011/05/09  
**Product Type/Use** In-Vitro Medical Diagnostics.

**Supplier**  
 Vital Diagnostics US  
 27 Wellington Road  
 Lincoln, RI 02865

**Telephone Numbers**  
**Emergency Tel.**  
 Americas: 1-760-476-3962  
 Europe, Middle East and Asia: 1-760-476-3961  
 Asia Pacific: 1-760-476-3960  
 Global response access code: 333483  
**Telephone/Fax Number**  
 1-401-642-8400;1-800-345-2822

**Manufactured For:**  
 PSS World Medical Inc.  
 4345 Southpoint Blvd.  
 Jacksonville, FL 32216

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Preparation Description

This kit contains an aqueous reagents solution.

Name	CAS	EINECS	Proportion	Hazard	R Phrase
Sodium hydroxide	1310-73-2	215-185-5	0.5-2 %	C	R35
Water and other constituents determined not to be hazardous	-	-	Balance		

## 3. HAZARDS IDENTIFICATION

### Human Health Hazards

Irritating to eyes and skin.

### Safety Hazards

No specific hazards under normal use conditions.

### Environmental Hazards

No specific hazards under normal use conditions.

### Other Information

HMIS rating: Health - 2, Flammability - 0, Reactivity - 1

## 4. FIRST AID MEASURES

### Inhalation

In the unlikely event of dizziness or nausea, remove casualty to fresh air.

### Skin

Remove contaminated clothing and wash affected skin with soap and water.

### Eye

Flush eye with copious quantities of water. Seek medical attention.

### Ingestion

Wash out mouth with water. Seek medical attention.

### Advice to Doctor

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### Specific Hazards

None.

### Extinguishing Media

Use extinguishing media suitable for surrounding environment.

### Protective Equipment

Proper protective equipment.

### Hazardous Combustion Products

Thermal decomposition of this product's components may produce carbon oxides and nitrogen oxides.

### Other Information

NFPA rating:



## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Avoid contact with skin and eyes. Wear safety glasses or full face shield if splashes are likely to occur.

### Environmental Precautions

Contain spill to prevent migration.

### Spills & Disposal

Absorb liquid and place in container suitable for disposal. Avoid generation of mists during clean up. Comply with applicable waste disposal regulations.

## 7. HANDLING AND STORAGE

### Handling

Keep containers closed when not in use.

### Storage

Store in original container. Keep away from incompatible material.

**8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Exposure Limits**

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Sodium hydroxide	ACGIH	STEL	2	mg/m3	
Sodium hydroxide		PEL	2	mg/m3	

ACGIH                      ACGIH Threshold Limit Values.

**Other Exposure Information**

No Biological Limit Value allocated.

**Eng. Controls**

Use in well-ventilated area.

**Respiratory Protection**

Under normal conditions, the use of this product should not require respiratory protection.

**Eye Protection**

Safety glasses or chemical goggles should be worn to prevent eye contact.

**Body Protection**

Impervious gloves should be worn to prevent skin contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear colourless solution.
<b>Odour</b>	Data not available.
<b>Odour Threshold</b>	Not established.
<b>pH Value</b>	Not established.
<b>Vapour Pressure</b>	Not established.
<b>Boiling Point</b>	Not established.
<b>Melting Point</b>	Not established.
<b>Solubility in Water</b>	Not established.
<b>Specific Gravity (H2O=1)</b>	Not established.
<b>Flash Point</b>	Not established.
<b>Flammable Limits</b>	Not established.
<b>Auto-Ignition Temperature</b>	Not established.
<b>Kinematic Viscosity</b>	Not established.
<b>Evaporation Rate</b>	Not established.
<b>Vapour Density (Air=1)</b>	Not available.

**10. STABILITY AND REACTIVITY**

**Conditions to Avoid**

Avoid contact with incompatible materials.

**Materials to Avoid**

Strong oxidizers, strong acids, some metals, substances that are incompatible with water.

**Hazardous Decomposition Products**

No decomposition products posing significant hazards would be expected from this product (a dilute aqueous solution).

## 11. TOXICOLOGICAL INFORMATION

### Toxicology Information

No toxicology data available on product.

### Acute Toxicity - Oral

Data not available.

### Acute Toxicity - Dermal

Data not available.

### Acute Toxicity - Inhalation

Data not available.

### Eye Irritation

Irritant.

### Skin Irritation

Irritant.

### Respiratory Irritation

May cause irritation.

### Skin Sensitisation

Product not known to cause skin sensitisation.

### Carcinogenicity

Product not known to cause cancer.

### Mutagenicity

Product not known to cause mutagenicity.

### Reproductive Toxicity

Product not known to cause reproductive toxicity.

## 12. ECOLOGICAL INFORMATION

### Ecological Information

No ecotoxicological data for this product.

### Mobility

No information available.

### Persistence / Degradability

The components of this product will degrade in the environment into smaller organic and inorganic constituents.

### Bioaccumulation

The components of this product are not expected to bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal

Dispose of waste product, unused product and contaminated packaging in compliance with national and local regulations. If unsure of the applicable requirements, contact the authorities for information.

## 14. TRANSPORT INFORMATION

### Transport Information

Not dangerous for transport under DOT, IMO, and IATA/ICAO codes.

### IMDG Hazard Class

None Allocated

### IMDG Packing Group

None Allocated

### IATA Hazard Class

None Allocated

### IATA Packing Group

None Allocated

### DOT Packing Group

None Allocated

## 15. REGULATORY INFORMATION

TSCA (USA)	Not established.
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### California Proposition 65

Not listed.

### SARA (313) Chemicals

Not listed.

## 16. OTHER INFORMATION

### SDS History

Date prepared: 2011-05-09

### List of R Phrases in Section 2

R35 Causes severe burns.

... End Of SDS ...