


# Material Safety Data Sheet

Canada  
English

## Section 1. Chemical product and company identification

Product name	Standard; part of 'cAMP Fluorescence Polarization Immunoassay System, 1 x 96 wells'		
Catalogue Number	RPN3595	 9 0 R P N 3 5 9 5	
Component Number	RPN3595SA		
Material uses	Industrial applications: Analytical chemistry. Research.		
Product type			
Validation date	8 April 2011		
Print date	08 April 2011		
Supplier	GE Healthcare UK Ltd Amersham Place Little Chalfont Buckinghamshire HP7 9NA England +44 0870 606 1921		
<u>In case of emergency</u>	US	ChemTrec (US)	1-800-424-9300
	Canada	ChemTrec (US)	1-703-527-3887

## 2. Hazards identification

Physical state	Solid.
Odor	Odorless.
Emergency overview	Warning!
	CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: SKIN, EYE, LENS OR CORNEA. MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
Precautionary measures	
Routes of entry	Inhalation. Ingestion.
<u>Potential acute health effects</u>	
Eyes	Moderately irritating to eyes.
Skin	Moderately irritating to the skin.
Inhalation	Moderately irritating to the respiratory system.
Ingestion	Practically non-toxic if swallowed.
<u>Potential chronic health effects</u>	
Chronic effects	
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	
Fertility effects	
Target organs	Contains material which causes damage to the following organs: skin, eye, lens or cornea.
Inhalation	
Ingestion	
Skin	
Eyes	



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**Medical conditions aggravated by over-exposure** Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged exposure to the substance can produce lung damage. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated or prolonged exposure to the substance can produce target organs damage.

See toxicological information (Section 11)

### 3. Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### Section 4. First aid measures

<b>Eye contact</b>	In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.
<b>Skin contact</b>	Wash with soap and water. Get medical attention if symptoms appear.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
<b>Ingestion</b>	Do not ingest. Get medical attention if symptoms appear.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training.

### Section 5. Fire-fighting measures

<b>Flammability of the product</b>	No specific hazard.
<b>Extinguishing media</b>	
<b>Suitable</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Not suitable</b>	None known.
<b>Special exposure hazards</b>	
<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

<b>Personal precautions</b>	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
<b>Environmental precautions</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
<b>Methods for cleaning up</b>	If emergency personnel are unavailable, vacuum or carefully scoop up spilled material and place in an appropriate container for disposal by incineration. Avoid creating dusty conditions and prevent wind dispersal.

Small spill

### Section 7. Handling and storage

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing dust. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.

### Section 8. Exposure controls/personal protection

**Consult local authorities for acceptable exposure limits.**

**Recommended monitoring procedures**

<b>Engineering measures</b>	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
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<b>Hygiene measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
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**Personal protection**

<b>Respiratory</b>	Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
<b>Hands</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
<b>Eyes</b>	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.



<b>Skin</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Environmental exposure controls</b>	

## Section 9. Physical and chemical properties

<b>Physical state</b>	Solid.
<b>Color</b>	White.
<b>Odor</b>	Odorless.
<b>Melting/freezing point</b>	58°C (136.4°F)
<b>Volatility</b>	0% (w/w)
<b>VOC</b>	0 (g/l).
<b>Dispersibility properties</b>	See solubility in the following materials: water.
<b>Solubility</b>	

## Section 10. Stability and reactivity

### Stability

### Materials to avoid

### Possibility of hazardous reactions

<b>Conditions of reactivity</b>	Non-flammable in the presence of the following materials or conditions: open flames, sparks and static discharge, heat, shocks and mechanical impacts, oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis and moisture. Non-explosive in the presence of the following materials or conditions: open flames, sparks and static discharge, heat, shocks and mechanical impacts, oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis and moisture.
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## Section 11. Toxicological information

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure		
Not available.						
Conclusion/Summary	Not available.					
Classification						
Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Not available.						
Synergistic products	Not available.					

## Section 12. Ecological information

### Environmental effects

<b>Partition coefficient: n-octanol/water</b>	Not available.
<b>Bioconcentration factor</b>	Not available.
<b>Toxicity of the products of biodegradation</b>	The product itself and its products of degradation are not toxic.
<b>Other adverse effects</b>	

## Section 13. Disposal considerations

<b>Waste disposal</b>	The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
<b>RCRA classification</b>	Not available.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.



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## Section 14. Transport information

### International transport regulations

Not classified.

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## Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**WHMIS (Canada)** Not controlled under WHMIS (Canada).  
**Canadian lists** CEPA DSL: Proprietary  
**Canada inventory**

### International regulations

**International lists**

Australia (NICNAS): Proprietary

China: Proprietary

Germany water class: Proprietary

Japan (METI): Proprietary

Japan (MOL): Proprietary

Korea (TCCL): Proprietary

Philippines (RA6969): Proprietary

**Chemical Weapons Convention**  
**List Schedule I Chemicals**

**Chemical Weapons Convention**  
**List Schedule II Chemicals**

**Chemical Weapons Convention**  
**List Schedule III Chemicals**

## Section 16. Other information

**The customer is responsible for determining the PPE code for this material.**



Indicates information that has changed from previously issued version.

### History

<b>Date of printing</b>	08 April 2011	<b>Date of previous issue</b>	No previous validation
<b>Date of issue</b>	08 April 2011	<b>Version</b>	1

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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