



**Safety Data Sheet (SDS)** According to the OSHA Hazard Communication Standard 29 CFR 1910.1200

Issuing Date: 2018-01-19

Version: 1

## SECTION 1. Identification

### Product identifier

**Product No** 12116  
**Product name** PathScan® Phospho-Acetyl-CoA Carboxylase (Ser79) Chemiluminescent Sandwich ELISA Kit  
**Kit Component** Luminol/Enhancer Solution  
Stable Peroxide Buffer  
ELISA Wash Buffer (20X)  
ELISA Sample Diluent  
PathScan® Sandwich ELISA Lysis Buffer (1X)

**When supplied with lyophilized antibodies:**  
Green Detection Antibody (Lyophilized)  
Green Detection Antibody Diluent  
\*Red HRP-Linked Antibody (Lyophilized)  
Red HRP Diluent

**When supplied with liquid antibodies:**  
Green Detection Antibody (Liquid)  
\*Red HRP-Linked Antibody (Liquid)

**\*Note: Some PathScan® ELISA Kits may include HRP-Linked Streptavidin in place of HRP-Linked Antibody.**

### Recommended use of the chemical and restrictions on use

**Identified uses** This product is intended for research purposes only.  
**Manufacturer, importer, supplier**

**Manufacturer address** Cell Signaling Technology, Inc.  
3 Trask Lane  
Danvers, MA 01923  
United States  
TEL: +1 978 867 2300  
FAX: +1 978 867 2400

**Website** www.cellsignal.com  
**Email address** support@cellsignal.com  
**Emergency telephone number** In case of emergency call CHEMTREC 1-800-424-9300

## SECTION 2. Hazard(s) identification

### Classification

This substance/mixture is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

<b>Serious eye damage/eye irritation</b>	Category 2A
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Skin sensitization	Category 1
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**GHS Label elements, including precautionary statements****Signal Word**

Warning

**Hazard statement(s)**

Causes serious eye irritation. May cause an allergic skin reaction.

**Precautionary Statement(s)**

Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Dispose of contents/container to an approved waste disposal plant.

**Supplementary Hazard Information**

May produce an allergic reaction

**Hazards not otherwise classified (HNOC)**

Not applicable.

<b>SECTION 3. Composition/information on ingredients</b>
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**Kit Component Name** Luminol/Enhancer Solution

Chemical Name	CAS No	Weight %
trometamol	77-86-1	1-3
Ethylene glycol	107-21-1	1-3

**Kit Component Name** ELISA Wash Buffer (20X)

Chemical Name	CAS No	Weight %
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0.005-0.025

**Kit Component Name** ELISA Sample Diluent

Chemical Name	CAS No	Weight %
sodium azide	26628-22-8	<0.1

**Kit Component Name** PathScan® Sandwich ELISA Lysis Buffer (1X)

Chemical Name	CAS No	Weight %
polyethylene glycol	9002-93-1	1
p-(1,1,3,3-tetramethylbutyl)phenylether		
tetrasodium pyrophosphate, decahydrate	13472-36-1	0.06

**Kit Component Name** Green Detection Antibody Diluent

Chemical Name	CAS No	Weight %
trometamol	77-86-1	0.5
sodium azide	26628-22-8	<0.1

**Kit Component Name** Red HRP Diluent

Chemical Name	CAS No	Weight %
trometamol	77-86-1	0.5
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0.005-0.025

**Kit Component Name** Green Detection Antibody (Liquid)

Chemical Name	CAS No	Weight %
trometamol	77-86-1	0.5
sodium azide	26628-22-8	<0.1

**Kit Component Name** \*Red HRP-linked Antibody (Liquid)

Chemical Name	CAS No	Weight %
trometamol	77-86-1	0.5
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	0.005-0.025

**Kit Component Name** Green Detection Antibody (Lyophilized); \*Red HRP-Linked Antibody (Lyophilized); Stable Peroxide Buffer

This product does not contain substances at concentrations requiring disclosure under 29 CFR 1910.1200 (OSHA Hazard Communication Standard).

## SECTION 4. First-aid measures

<b>Eye contact</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
<b>Ingestion</b>	Get medical attention. Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Contains kit components which may cause the following effects, refer to individual component SDSs for full information on symptoms:

Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Contains an animal derived biological. May produce an allergic reaction in susceptible individuals. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Advice for emergency responders**

<b>General advice</b>	For further assistance, contact your local Poison Control Center.
<b>Protection of first-aiders</b>	Avoid contact with skin, eyes and clothing.

## SECTION 5. Fire-fighting measures

### Extinguishing media

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

No information available.

### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Avoid contact with skin, eyes and clothing. Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Other information** Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

Do not allow material to contaminate ground water system. Should not be released into the environment. Local authorities should be advised if significant spillages cannot be contained.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

## SECTION 7. Handling and storage

### Precautions for safe handling

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Avoid breathing vapors or mists. Refer to Section 8.

### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep away from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Packaging material** No information available.

**Incompatible products** Strong oxidizing agents, strong acids, and strong bases.

## SECTION 8. Exposure controls/personal protection

### Control parameters

Occupational exposure limit values			
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL
Ethylene glycol	Ceiling: 100 mg/m <sup>3</sup>	-	-
sodium azide	Ceiling: 0.29 mg/m <sup>3</sup> Ceiling: 0.11 ppm	-	Ceiling: 0.1 ppm Ceiling: 0.3 mg/m <sup>3</sup>
tetrasodium pyrophosphate, decahydrate	-	-	TWA : 5 mg/m <sup>3</sup>

**Appropriate engineering controls**

Showers, eyewash stations, and ventilation systems.

**Individual protection measures, such as personal protective equipment**

Personal protective equipment (PPE) needs to be selected depending on the implemented engineering controls, frequency/duration of work activities and the concentrations of the hazardous substance.

**Eye/face protection**

Tightly fitting safety goggles.

**Skin and body protection**

Lightweight protective clothing. Impervious gloves.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures**

Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection.

## SECTION 9. Physical and chemical properties

Information on the known physical chemical properties of each component within Kit are given below. If not included, information is either not available or not applicable. Refer to individual kit component SDS for further information.

**Information on basic physical and chemical properties**

Kit Component	<b>Luminol/Enhancer Solution</b>
Physical state	Liquid
Appearance	Clear
Color	Colorless or light pink
pH VALUE	9.5
Remarks	@ 20 °C
Solubility	Soluble in water

Kit Component	<b>Stable Peroxide Buffer</b>
Physical state	Liquid
Appearance	Clear
Color	Colorless
pH VALUE	4.9-5.1
Remarks	@ 20 °C

Kit Component	<b>ELISA Wash Buffer (20X)</b>
Physical state	Liquid
Appearance	Clear
Color	Colorless
pH VALUE	6.4
Remarks	@ 20 °C

Kit Component	<b>ELISA Sample Diluent</b>
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Physical state	Liquid
Appearance	Clear
Color	Blue
pH VALUE	7.1
Remarks	@ 20 °C
<b>Kit Component</b>	<b>PathScan® Sandwich ELISA Lysis Buffer (1X)</b>
Physical state	Liquid
Appearance	Clear
Color	Colorless
pH VALUE	7.5
Remarks	@ 20 °C
<b>Kit Component</b>	<b>Green Detection Antibody (Lyophilized)</b>
Physical state	Solid
Appearance	Lyophilized Powder
Color	Green
<b>Kit Component</b>	<b>Green Detection Antibody Diluent</b>
Physical state	Liquid
Appearance	Clear
Color	Green
pH VALUE	7.4
Remarks	@ 20 °C
<b>Kit Component</b>	<b>*Red HRP-Linked Antibody (Lyophilized)</b>
Physical state	Solid
Appearance	Lyophilized Powder
Color	Red
<b>Kit Component</b>	<b>Red HRP Diluent</b>
Physical state	Liquid
Appearance	Clear
Color	Red
pH VALUE	7.4
Remarks	@ 20 °C
<b>Kit Component</b>	<b>Green Detection Antibody (Liquid)</b>
Physical state	Liquid
Appearance	Clear
Color	Green
pH VALUE	7.4
Remarks	@ 20 °C
<b>Kit Component</b>	<b>*Red HRP-Linked Antibody (Liquid)</b>
Physical state	Liquid
Appearance	Clear
Color	Red
pH VALUE	7.4
Remarks	@ 20 °C

## SECTION 10. Stability and reactivity

### Reactivity

No information available.

### Chemical stability

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

<b>Hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight. Exposure to air or moisture over prolonged periods. Over a period of time, sodium azide may react with copper, lead, brass, or solder in plumbing systems to form an accumulation of the HIGHLY EXPLOSIVE compounds of lead azide & copper azide.

**Incompatible Materials**

Strong oxidizing agents, strong acids, and strong bases.

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**SECTION 11. Toxicological information****Information on likely routes of exposure****Product Information**

This material should only be handled by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals. It should be borne in mind that the toxicological and physiological properties of this compound is not well defined.

**Inhalation**

Kit Component Inhalation	Luminol/Enhancer Solution Avoid breathing vapors or mists May cause irritation of respiratory tract
Kit Component Inhalation	Stable Peroxide Buffer May cause irritation of respiratory tract
Kit Component Inhalation	ELISA Wash Buffer (20X) Avoid breathing vapors or mists May cause irritation of respiratory tract
Kit Component Inhalation	Green Detection Antibody (Lyophilized) May cause allergic respiratory reaction
Kit Component Inhalation	*Red HRP-Linked Antibody (Lyophilized) May cause allergic respiratory reaction
Kit Component Inhalation	Red HRP Diluent Avoid breathing vapors or mists May cause irritation of respiratory tract

**Eye contact**

Kit Component Eye contact	ELISA Wash Buffer (20X) Luminol/Enhancer Solution Avoid contact with eyes
Kit Component Eye contact	Stable Peroxide Buffer Expected to be an irritant based on components May cause slight irritation
Kit Component Eye contact	ELISA Wash Buffer (20X) Expected to be an irritant based on components
Kit Component Eye contact	PathScan® Sandwich ELISA Lysis Buffer (1X) Expected to be an irritant based on components

Kit Component Red HRP Diluent  
Eye contact Contact with eyes may cause irritation

**Skin contact**

Kit Component Luminol/Enhancer Solution  
Skin contact Avoid contact with skin

Kit Component Stable Peroxide Buffer  
Skin contact Substance may cause slight skin irritation

Kit Component ELISA Wash Buffer (20X)  
Skin contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons  
Expected to be an irritant based on components

Kit Component Green Detection Antibody (Lyophilized)  
Skin contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Kit Component \*Red HRP-Linked Antibody (Lyophilized)  
Skin contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Kit Component Red HRP Diluent  
Skin contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

**Ingestion**

Kit Component Luminol/Enhancer Solution  
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Kit Component Stable Peroxide Buffer  
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Kit Component ELISA Wash Buffer (20X)  
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

**Information on toxicological effects****Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
trometamol	5900 mg/kg ( Rat )	-	-
polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether	= 1800 mg/kg (Rat)	-	-
sodium azide	= 27 mg/kg (Rat)	= 20 mg/kg ( Rabbit ) = 50 mg/kg ( Rat )	-
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	= 53 mg/kg (Rat) = 481 mg/kg (Rat)	-	= 1.23 mg/L ( Rat ) 4 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Symptoms**

Contains kit components which may cause the following effects, refer to individual component SDSs for full information on symptoms:  
Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of



fine dust in the eyes. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Contains an animal derived biological. May produce an allergic reaction in susceptible individuals Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

**Skin and Eye Corrosion/Irritation**

Kit Component ELISA Wash Buffer (20X)  
 Skin corrosion/irritation Irritating to skin  
 Serious eye damage/eye irritation Causes serious eye irritation

Kit Component PathScan® Sandwich ELISA Lysis Buffer (1X)  
 Serious eye damage/eye irritation Causes serious eye irritation

**Sensitization**

Kit Component ELISA Wash Buffer (20X)  
 Skin Sensitization Product is or contains a sensitizer. May cause an allergic skin reaction.

Kit Component Green Detection Antibody (Lyophilized)  
 Respiratory Sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled  
 Skin Sensitization May cause skin sensitization.

Kit Component \*Red HRP-Linked Antibody (Lyophilized)  
 Respiratory Sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled  
 Skin Sensitization May cause skin sensitization

Kit Component Red HRP Diluent  
 Skin Sensitization Product is or contains a sensitizer. May cause an allergic skin reaction.

Kit Component \*Red HRP-Linked Antibody (Liquid)  
 Skin Sensitization Product is or contains a sensitizer. May cause an allergic skin reaction.

**Mutagenic effects** No information available

**Carcinogenicity** No component of this product present at levels greater than or equal to 0.1% is identifiable as probable, possible or confirmed carcinogen by IARC, ACGIH, NTP, or OSHA.

**Reproductive toxicity** No information available.

**Systemic Target Organ Toxicity (STOT)**

Kit Component Luminol/Enhancer Solution  
 STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure  
 Target Organ Effects Kidney

**Aspiration Hazard** No information available.

**SECTION 12. Ecological information**

**Ecotoxicity**

**Product Information Ecotoxicity**

Kit Component ELISA Wash Buffer (20X)  
 Ecotoxicity Harmful to aquatic life with long lasting effects

**Component Information**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
trometamol	-	-	NOEC >100 mg/L (Selenastrum capricornutum) 96 h
Ethylene glycol	EC50 6500 - 13000 mg/L (Pseudokirchneriella subcapitata) 96 h	LC50 40761 mg/L (Oncorhynchus mykiss) 96 h LC50 27540 mg/L (Lepomis macrochirus) 96 h LC50 41000 mg/L (Oncorhynchus mykiss) 96 h LC50 14 - 18 mL/L (Oncorhynchus mykiss) 96 h LC50 40000 - 60000 mg/L (Pimephales promelas) 96 h LC50 16000 mg/L (Poecilia reticulata) 96 h	EC50 46300 mg/L (Daphnia magna) 48 h
polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether	-	LC50 8.9 mg/l (Pimephales promelas) 96 h	EC50 26 mg/l (Daphnia) 48 h
sodium azide	EC50 0.35 mg/L (Pseudokirchneriella subcapitata) 96 h	LC50 0.8 mg/L (Oncorhynchus mykiss) 96 h LC50 5.46 mg/L (Pimephales promelas) 96 h LC50 0.7 mg/L (Lepomis macrochirus) 96 h	LC100 1 mg/L (Orconectes rusticus) 96 h
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	EC50 0.11 - 0.16 mg/L (Pseudokirchneriella subcapitata) 72 h EC50 0.31 mg/L (Anabaena flos-aquae) 120 h EC50 0.03 - 0.13 mg/L (Pseudokirchneriella subcapitata) 96 h	LC50 1.6 mg/L (Oncorhynchus mykiss) 96 h	EC50 4.71 mg/L (Daphnia magna) 48 h EC50 0.71 - 0.99 mg/L (Daphnia magna) 48 h EC50 0.12 - 0.3 mg/L (Daphnia magna) 48 h

**Persistence and degradability**

Kit Component ELISA Wash Buffer (20X)  
Persistence and degradability Not readily biodegradable

**Bioaccumulation**

Kit Component ELISA Wash Buffer (20X)  
Bioaccumulation Not likely to bioaccumulate

Chemical Name	Octanol-Water Partition Coefficient
Ethylene glycol	-1.93

**Mobility**

Kit Component ELISA Wash Buffer (20X)  
Mobility Will likely be mobile in the environment due to its water solubility

**Other adverse effects**

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**SECTION 13. Disposal considerations****Waste Disposal Methods**

Should not be released into the environment.

**Disposal considerations**

Do not empty into drains; dispose of this material and its container in a safe way.

### SECTION 14. Transport information

This material is not subject to regulation as a hazardous material for shipping.

### SECTION 15. Regulatory information

#### North American Inventory Listing

Refer to kit component SDS for full Toxic Substance Control Act (TSCA) reporting requirements.

Chemical Name	TSCA 8(b)	TSCA 12(b)	DSL	NDSL
trometamol	Listed	Not Listed	Listed	Not Listed
Ethylene glycol	Listed	Not Listed	Listed	Not Listed
polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether	Listed	Not Listed	Listed	Not Listed
sodium azide	Listed	Not Listed	Listed	Not Listed
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	Not Listed	Section 5: 1 %	Listed	Not Listed

#### SARA 313

Refer to kit component SDS for full SARA Section 313 reporting requirements.

Chemical Name	CAS No	SARA 313 - Threshold Values %
Ethylene glycol	107-21-1	1.0
sodium azide	26628-22-8	1.0
magnesium nitrate	10377-60-3	1.0
trisodium tetraoxovanadate	13721-39-6	1.0
copper dinitrate	3251-23-8	1.0

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### Clean Water Act

Refer to kit component SDS for full Clean Water Act (CWA) reporting requirements.

#### CERCLA

Refer to kit component SDS for full Comprehensive Environmental Response Compensation and Liability Act (CERCLA) reporting requirements.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Ethylene glycol	5000 lb	Not Listed
sodium azide	1000 lb	1000 lb

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### **U.S. State Right-to-Know Regulations**

Refer to kit component SDS for applicable State Right-To-Know (RTK) information.

<b>Chemical Name</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>
Ethylene glycol	Listed	Listed	Listed
disodium hydrogenorthophosphate	Listed	Listed	Listed
sodium azide	Listed	Listed	Listed
sodium fluoride	Listed	Listed	Listed
tetrasodium pyrophosphate, decahydrate	Listed	Listed	Listed
magnesium nitrate	Listed	Listed	Listed
trisodium tetraoxovanadate	Listed	Not Listed	Not Listed
copper dinitrate	Listed	Listed	Listed

### **SECTION 16. Other information**

**Issuing Date:** 2018-01-19

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet