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

Issuing Date: 2018-01-19 **Revision Date:** 2024-05-22 **Version:** 2

SECTION 1. Identification

Product identifier

Product No 7959

Product name PathScan® Phospho-AMPK-alpha (Thr172) Sandwich ELISA Kit

Kit Component
32605: AMPKα Rabbit mAb Coated Microwells
13190: Phospho-AMPKα (Thr172) Mouse Detection mAb
13304: Anti-mouse IgG, HRP-linked Antibody (ELISA Formulated)
13339: Detection Antibody Diluent
13515: HRP Diluent
11083: ELISA Sample Diluent
7002: STOP Solution
7004: TMB Substrate
9801: ELISA Wash Buffer (20X)
7018: PathScan® Sandwich ELISA Lysis Buffer (1X)

Hazardous Components
13515: HRP Diluent
9801: ELISA Wash Buffer (20X)
7002: STOP Solution
7018: PathScan® Sandwich ELISA Lysis Buffer (1X)
UN number UN3265

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

Classification and label elements described below are inclusive of all hazards of the combined kit. The most severe classifications

are listed for each endpoint. Refer to individual kit component SDS for classification and label elements for each component present in the kit. This substance/mixture is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

GHS Label elements, including precautionary statements

Signal Word
Danger

Hazard statement(s)
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.

Precautionary Statement(s)
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Contaminated work clothing should not be allowed out of the workplace.
Obtain special instructions before use.
Avoid contact during pregnancy/while nursing.
Do not eat, drink or smoke when using this product.
Immediately call a POISON CENTER or doctor/physician
IF exposed or concerned: Get medical advice/attention
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician
Dispose of contents/container to an approved waste disposal plant.

Supplementary Hazard Information
May produce an allergic reaction.

Hazards not otherwise classified (HNOC)
Contact with acids liberates very toxic gas.

SECTION 3. Composition/information on ingredients

Kit Component **7002: STOP Solution**

DANGER: Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Chemical name	CAS No	Weight-%
maleic acid	110-16-7	3-7

Kit Component **9801: ELISA Wash Buffer (20X)**

WARNING: May cause an allergic skin reaction.

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 **11083: ELISA Sample Diluent**

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

Kit Component **7018: PathScan® Sandwich ELISA Lysis Buffer (1X)**

WARNING: Causes serious eye irritation.

Chemical name	CAS No	Weight-%
polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenylether	9002-93-1	1
tetrasodium pyrophosphate, decahydrate	13472-36-1	0.06
sodium fluoride	7681-49-4	0.1-1

Kit Component **13339: Detection Antibody Diluent**

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

Kit Component **13515: HRP Diluent**

WARNING: May cause an allergic skin reaction

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
32605: AMPKα Rabbit mAb Coated Microwells
13190: Phospho-AMPKα (Thr172) Mouse Detection mAb
13304: Anti-mouse IgG, HRP-linked Antibody (ELISA Formulated)
7004: TMB Substrate

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

SECTION 4. First-aid measures

Eye contact Immediate medical attention is required. Rinse immediately with plenty of water, also under

	the eyelids, for at least 15 minutes.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Immediate medical attention is required.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately if symptoms occur. If breathing is difficult, give oxygen.
Ingestion	Get medical attention. Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. 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. Corrosive. Significant esophageal or gastrointestinal tract irritation or burns may occur following ingestion. 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. Respiratory tract irritation, if severe, can progress to pulmonary edema which may be delayed in onset up to 24 to 72 hours after exposure in some cases. 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

Probable mucosal damage may contraindicate the use of gastric lavage.

Advice for emergency responders

General advice	For further assistance, contact your local Poison Control Center.
Protection of first-aiders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves

SECTION 5. Fire-fighting measures

Extinguishing media

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

Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.

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. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

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. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation at machinery.

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	Incompatible with strong acids and bases, Incompatible with oxidizing agents

SECTION 8. Exposure controls/personal protection

Control parameters

Occupational exposure limit values			
Chemical name	**ACGIH TLV**	**OSHA PEL**	**NIOSH REL**
sodium azide	Ceiling: 0.29 mg/m^3 Ceiling: 0.11 ppm	-	Ceiling: 0.1 ppm Ceiling: 0.3 mg/m^3
sodium fluoride	TWA : 2.5 mg/m^3	TWA : 2.5 mg/m^3	IDLH : 250 mg/m^3 TWA : 2.5 mg/m^3
tetrasodium pyrophosphate, decahydrate	-	-	TWA : 5 mg/m^3

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. Face-shield.
Skin and body protection	Wear protective gloves/clothing.
Respiratory protection	In case of inadequate ventilation wear respiratory protection.
Hygiene measures	Remove and wash contaminated clothing 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	**32605: AMPKα Rabbit mAb Coated Microwells**
Physical state	Solid
Appearance	Microwell Plate
Kit Component	**13190: Phospho-AMPKα (Thr172) Mouse Detection mAb**
Physical state	Solid
Appearance	Powder, Lyophilized
Color	Green
Kit Component	**13304: Anti-mouse IgG, HRP-linked Antibody (ELISA Formulated)**
Physical state	Solid
Appearance	Powder, Lyophilized
Color	Red
Kit Component	**13339: Detection Antibody Diluent**
Physical state	Liquid
Appearance	Clear
Color	Green
pH	7.4 (20°C)
Kit Component	**13515: HRP Diluent**
Physical state	Liquid
Appearance	Clear
Color	Red
pH	7.4 (20°C)
Kit Component	**7004: TMB Substrate**
Physical state	Liquid
Appearance	Clear
Color	Light yellow
pH	3.3- 3.8 (20°C)
Kit Component	**7002: STOP Solution**
Physical state	Liquid
Appearance	Clear
Color	Colorless
pH	1.2 (20°C)
Kit Component	**9801: ELISA Wash Buffer (20X)**
Physical state	Liquid
Appearance	Clear
Color	Colorless
pH	6.4 (20°C)
Kit Component	**11083: ELISA Sample Diluent**
Physical state	Liquid
Appearance	Clear
Color	Blue
pH	7.1 (20°C)

Kit Component	**7018: PathScan® Sandwich ELISA Lysis Buffer (1X)**
Physical state	Liquid
Appearance	Clear
Color	Colorless
pH	7.5 (20°C)

SECTION 10. Stability and reactivity

Reactivity

No information available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

Hazardous reactions	None under normal processing.
Hazardous polymerization	None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight. 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

Incompatible with strong acids and bases, Incompatible with oxidizing agents

Hazardous Decomposition Products

Thermal decomposition can lead to release of toxic/corrosive gases and vapors

SECTION 11. Toxicological information

Information on likely routes of exposure

Product Information
Refer to kit component SDS for full toxicological 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	**7002: STOP Solution**
Inhalation	Aerosol expected to be irritating based on components
Kit Component	**9801: ELISA Wash Buffer (20X)**
Inhalation	Avoid breathing vapors or mists May cause irritation of respiratory tract
Kit Component	**13190: Phospho-AMPKα (Thr172) Mouse Detection mAb**
Inhalation	May cause allergic respiratory reaction
Kit Component	**13515: HRP Diluent**
Inhalation	Avoid breathing vapors or mists May cause irritation of respiratory tract

Kit Component **13304: Anti-mouse IgG, HRP-linked Antibody (ELISA Formulated)**
Inhalation May cause allergic respiratory reaction

Eye contact

Kit Component **7002: STOP Solution**
Eye contact May cause irreversible damage to eyes

Kit Component **9801: ELISA Wash Buffer (20X)**
Eye contact Expected to be an irritant based on components

Kit Component **7018: PathScan® Sandwich ELISA Lysis Buffer (1X)**
Eye contact Expected to be an irritant based on components

Kit Component **13515: HRP Diluent**
Eye contact Contact with eyes may cause irritation

Skin contact

Kit Component **7002: STOP Solution**
Skin contact Corrosive to skin Prolonged contact with skin is harmful

Kit Component **9801: 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 **13190: Phospho-AMPKα (Thr172) Mouse Detection mAb**
Skin contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Kit Component **13304: Anti-mouse IgG, HRP-linked Antibody (ELISA Formulated)**
Skin contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Kit Component **13515: HRP Diluent**
Skin contact Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Ingestion

Kit Component **7002: STOP Solution**
Ingestion Ingestion causes burns of the upper digestive and respiratory tract. Harmful if swallowed

Kit Component **9801: 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
maleic acid	708 mg/kg (Rat)	1,560 mg/kg (Rabbit)	> 0.72 mg/L (Rat) 1h
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)	-
sodium fluoride	= 52 mg/kg (Rat)	= 175 mg/kg (Rat)	-
reaction mass of:	= 53 mg/kg (Rat) = 481 mg/kg	= 200 mg/kg (Rabbit)	= 1.23 mg/L (Rat) 4 h = 0.11 mg/L

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)	(Rat) 232 - 249 mg/kg (Rat) = 120 mg/kg (Rat)		(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. Corrosive. Significant esophageal or gastrointestinal tract irritation or burns may occur following ingestion. 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. Respiratory tract irritation, if severe, can progress to pulmonary edema which may be delayed in onset up to 24 to 72 hours after exposure in some cases. 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	**7002: STOP Solution**
Serious eye damage/eye irritation	Risk of serious damage to eyes
Skin corrosion/irritation	Causes burns

Kit Component	**9801: ELISA Wash Buffer (20X)**
Serious eye damage/eye irritation	Causes serious eye irritation
Skin corrosion/irritation	Causes skin irritation

Kit Component	**7018: PathScan® Sandwich ELISA Lysis Buffer (1X)**
Serious eye damage/eye irritation	Causes serious eye irritation

Sensitization

Kit Component	**7002: STOP Solution**
Skin Sensitization	May cause skin sensitization

Kit Component	**9801: ELISA Wash Buffer (20X)**
Skin Sensitization	Product is or contains a sensitizer. May cause an allergic skin reaction

Kit Component	**13190: Phospho-AMPKα (Thr172) Mouse Detection mAb**
Respiratory Sensitization	May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin Sensitization	May cause skin sensitization

Kit Component	**13304: Anti-mouse IgG, HRP-linked Antibody (ELISA Formulated)**
Respiratory Sensitization	May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin Sensitization	May cause skin sensitization

Kit Component	**13515: HRP Diluent**
Skin Sensitization	Product is or contains a sensitizer. May cause an allergic skin reaction

Mutagenic effects

Kit Component	**7002: STOP Solution**
Mutagenic effects	Not mutagenic in AMES Test

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	**7002: STOP Solution**
STOT - single exposure	Respiratory system

Aspiration Hazard No information available.

SECTION 12. Ecological information

Ecotoxicity

Product Information

Kit Component	**7002: STOP Solution**
Ecotoxicity	Toxic to aquatic life

Kit Component	**9801: 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
maleic acid	-	LC50 5 mg/L (Pimephales promelas) 96 h	EC50 250 - 400 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
sodium fluoride	EC50 850 mg/L (Desmodesmus subspicatus) 72 h EC50 272 mg/L (Pseudokirchneriella subcapitata) 96 h	LC50 530 mg/L (Lepomis macrochirus) 96 h LC50 180 mg/L (Pimephales promelas) 96 h LC50 38 - 68 mg/L (Oncorhynchus mykiss) 96 h LC50 830 mg/L (Lepomis macrochirus) 96 h	EC50 98 mg/L (Daphnia magna) 48 h EC50 338 mg/L (Daphnia magna) 48 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	**7002: STOP Solution**
Persistence and degradability	Product is biodegradable

Kit Component	**9801: ELISA Wash Buffer (20X)**
Persistence and degradability	Not readily biodegradable

Bioaccumulation

Kit Component	**7002: STOP Solution**
Bioaccumulation	Not likely to bioaccumulate

Kit Component	**9801: ELISA Wash Buffer (20X)**
Bioaccumulation	Not likely to bioaccumulate

Chemical name	Octanol-Water Partition Coefficient
maleic acid	0.32

Mobility

Kit Component	**7002: STOP Solution**
Mobility	Will likely be mobile in the environment due to its water solubility

Kit Component	**9801: ELISA Wash Buffer (20X)**
Mobility	Will likely be mobile in the environment due to its water solubility

Other adverse effects

No information available.

SECTION 13. Disposal considerations

Waste Disposal Methods

Dispose of in accordance with all applicable national environmental laws and regulations.

Disposal considerations

Do not empty into drains; dispose of this material and its container in a safe way. Dispose of wastes in an approved waste disposal facility.

SECTION 14. Transport information

This material is subject to regulation as a hazardous material for shipping:

DOT

UN number	UN3265
UN proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (maleic acid)
Transport hazard class(es)	8
Packing group	III

IATA

UN number	UN3265
UN proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (maleic acid)
Transport hazard class(es)	8
Packing group	III
Excepted Quantity	E1

SECTION 15. Regulatory information

North American Inventory Listing

Chemical name	TSCA 8(b)	TSCA 12(b)	DSL	NDSL
maleic acid	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
sodium fluoride	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 %
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.

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances	CWA - Bioaccumulative Chemicals of Concern (BCCs)
maleic acid	5000 lb	Not Listed	Not Listed	Listed	Not Listed
sodium fluoride	1000 lb	Not Listed	Not Listed	Listed	Not Listed

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
maleic acid	5000 lb	Not Listed
sodium azide	1000 lb	1000 lb
sodium fluoride	1000 lb	Not Listed

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.

Chemical name	New Jersey	Massachusetts	Pennsylvania
maleic acid	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
Revision Date: 2024-05-22

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