



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

Issuing Date: 2017-10-17

Revision Date: 2019-01-09

Version: 2

SECTION 1. Identification

Product identifier

Product No 9860
Product name Senescence beta-Galactosidase Staining Kit
Kit Component 11674: 10X Fixative Solution
11675: 10X Staining Solution
11676: 100X Solution A
11677: 100X Solution B
11678: X-Gal
UN number UN3334

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)

Acute oral toxicity	Category 4
Acute dermal toxicity	Category 3
Acute inhalation toxicity	Category 3
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Respiratory sensitization	Category 1
Skin sensitization	Category 1

Germ cell mutagenicity	Category 2
Carcinogenicity	Category 1A
Specific target organ toxicity - single exposure (STOT SE)	Category 2

GHS Label elements, including precautionary statements**Signal Word**

Danger.

Hazard statement(s)

Harmful if swallowed. Toxic in contact with skin. Toxic if inhaled. Causes skin irritation. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing genetic defects. May cause cancer. May cause damage to organs.

Precautionary Statement(s)

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

IF exposed or concerned: Get medical advice/attention. Specific treatment is urgent (see supplemental first aid instructions on this label).

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

IF ON SKIN: Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell.

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. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

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

Supplementary Hazard Information

No information available.

Hazards not otherwise classified (HNOC)

Not applicable.

SECTION 3. Composition/information on ingredients**Kit Component** 11674: 10X Fixative Solution

Chemical name	CAS No.	Weight-%
formaldehyde (stabilised)	50-00-0	10-30
methanol	67-56-1	5-10
glutaraldehyde	111-30-8	1-5

Kit Component 11675: 10X Staining Solution

Chemical name	CAS No.	Weight-%
trisodium orthophosphate	7601-54-9	7-13
sodium chloride	7647-14-5	7-13

citric acid	77-92-9	5-10
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Kit Component 11677: 100X Solution B

Chemical name	CAS No.	Weight-%
tripotassium hexacyanoferrate	13746-66-2	10-30

Kit Component 11676: 100X Solution A
11678: X-Gal

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	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Call a POISON CENTER or doctor/physician if you feel unwell.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
Ingestion	Immediate medical attention is required. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If swallowed, call a poison control center or doctor immediately.

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:

Low-dose acute exposure can result in headache, rhinitis, and dyspnea; higher doses may cause severe mucous membrane irritation, burning, and lacrimation, and lower respiratory effects such as bronchitis, pulmonary edema, or pneumonia. Sensitive individuals may experience asthma and dermatitis, even at very low doses. Ocular exposure to formaldehyde vapors produces irritation and lacrimation. Depending on the concentration, formaldehyde solutions may cause transient discomfort and irritation or more severe effects, including corneal opacification and loss of vision. Formaldehyde is absorbed through intact skin and may cause irritation or allergic dermatitis. Ingestion may cause corrosive injury to the gastrointestinal mucosa, with nausea, vomiting, pain, bleeding, and perforation. Systemic effects include metabolic acidosis, CNS depression and coma, respiratory distress, and renal failure.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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

Specific hazards arising from the chemical

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

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 Evacuate personnel to safe areas. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Wear protective gloves/clothing and eye/face protection. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

Other information No information available.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. 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 Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

SECTION 7. Handling and storage**Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Use according to package label instructions. Keep away from open flames, hot surfaces and sources of ignition. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. In case of insufficient ventilation, wear suitable respiratory equipment. Remove and wash contaminated clothing before re-use.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers.
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
formaldehyde (stabilised)	Ceiling: 0.3 ppm	TWA : 0.75 ppm STEL: 2 ppm	IDLH : 20 ppm TWA : 0.016 ppm Ceiling: 0.1 ppm
tetrapotassium iron (2+) hexacyanide trihydrate	TWA : 1 mg/m ³	TWA : 5 mg/m ³ S*	IDLH : 25 mg/m ³ TWA : 1 mg/m ³

tripotassium hexacyanoferrate	TWA : 1 mg/m ³	TWA : 5 mg/m ³ S*	IDLH : 25 mg/m ³ TWA : 1 mg/m ³
methanol	S* STEL 250 ppm TWA : 200 ppm	TWA : 200 ppm TWA : 260 mg/m ³	IDLH : 6000 ppm TWA : 200 ppm TWA : 260 mg/m ³ STEL: 250 ppm STEL: 325 mg/m ³
glutaraldehyde	Ceiling: 0.05 ppm	-	Ceiling: 0.2 ppm Ceiling: 0.8 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

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

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

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****11674: 10X Fixative Solution**

Physical state

Liquid

Appearance

Clear

Color

Light yellow

Odor

Pungent

Odor Threshold

0.83 ppm

pH VALUE

5.8

Remarks

@ 20 °C

Kit Component**11675: 10X Staining Solution**

Physical state

Liquid

Appearance

Clear

Color

Colorless

pH VALUE

5.8

Remarks

@ 20 °C

Kit Component**11676: 100X Solution A**

Physical state

Liquid

Appearance

Clear

Color

Yellow

pH VALUE

9.13

Remarks

@ 20 °C

Kit Component**11677: 100X Solution B**

Physical state

Liquid

Appearance	Clear
Color	Orange
pH VALUE	5.75
Remarks	@ 20 °C

Kit Component	11678: X-Gal
Physical state	Solid
Appearance	Powder
Color	White
Melting point (°C) VALUE	230

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

Keep away from open flames, hot surfaces and sources of ignition.

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

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	11674: 10X Fixative Solution
Inhalation	Toxic by inhalation May cause drowsiness or dizziness May cause allergic respiratory reaction May cause allergy or asthma symptoms or breathing difficulties if inhaled

Eye contact

Kit Component	11674: 10X Fixative Solution
Eye contact	Corrosive to the eyes and may cause severe damage including blindness

Kit Component	11675: 10X Staining Solution
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Eye contact Corrosive to the eyes and may cause severe damage including blindness

Kit Component **11677: 100X Solution B**
Eye contact Expected to be an irritant based on components

Skin contact

Kit Component **11674: 10X Fixative Solution**
Skin contact Toxic in contact with skin. Irritating to skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Kit Component **11675: 10X Staining Solution**
Skin contact Expected to be an irritant based on components

Kit Component **11677: 100X Solution B**
Skin contact Expected to be an irritant based on components

Ingestion

Kit Component **11674: 10X Fixative Solution**
Ingestion Harmful if swallowed. May cause drowsiness or dizziness Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

Information on toxicological effects

Kit Component **11674: 10X Fixative Solution**
ATEmix (oral) 420 mg/kg
ATEmix (dermal) 984 mg/kg
ATEmix (inhalation-dust/mist) 1.04 mg/L
ATEmix (inhalation-vapor) 5.00 mg/L

Component Information

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
formaldehyde (stabilised)	= 100 mg/kg (Rat)	= 270 mg/kg (Rabbit)	= 0.578 mg/L (Rat) 4 h
tetrapotassium iron (2+) hexacyanide trihydrate	3613 mg/kg (Rat)	-	-
tripotassium hexacyanoferrate	2970 mg/kg (Mouse)	-	-
sodium chloride	3000 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	> 42000 mg/m ³ (Rat) 1 h
trisodium orthophosphate	>2000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
methanol	1187 mg/kg (Rat)	15800 mg/kg (Rabbit)	83.2 mg/L (Rat) 4 h
citric acid	3000 mg/kg (Rat)	-	-
glutaraldehyde	134 mg/kg (Rat)	> 2000 mg/kg (Rat)	0.48 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:
, Low-dose acute exposure can result in headache, rhinitis, and dyspnea; higher doses may cause severe mucous membrane irritation, burning, and lacrimation, and lower respiratory effects such as bronchitis, pulmonary edema, or pneumonia. Sensitive individuals may experience asthma and dermatitis, even at very low doses. Ocular exposure to formaldehyde vapors produces irritation and lacrimation. Depending on the concentration, formaldehyde solutions may cause transient discomfort and irritation or more severe effects, including corneal opacification and loss of vision. Formaldehyde is absorbed through intact skin and may cause irritation or allergic dermatitis. Ingestion may cause corrosive injury to the gastrointestinal mucosa, with nausea, vomiting, pain, bleeding, and perforation. Systemic effects include metabolic acidosis, CNS depression and coma,

respiratory distress, and renal failure.

Skin and Eye Corrosion/Irritation

Kit Component **11674: 10X Fixative Solution**
 Skin corrosion/irritation Irritating to skin
 Serious eye damage/eye irritation Risk of serious damage to eyes

Kit Component **11675: 10X Staining Solution**
 Skin corrosion/irritation Irritating to skin
 Serious eye damage/eye irritation Risk of serious damage to eyes

Kit Component **11677: 100X Solution B**
 Skin corrosion/irritation Irritating to skin
 Serious eye damage/eye irritation Causes serious eye irritation

Sensitization

Kit Component **11674: 10X Fixative Solution**
 Respiratory Sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled
 Skin Sensitization May cause skin sensitization

Mutagenic effects

Kit Component **11674: 10X Fixative Solution**
 Mutagenic effects No specific testing was done on this product. Mutagenic testing of the hazardous ingredient in this product has resulted in some positive mutagenic results

Carcinogenicity

Kit Component **11674: 10X Fixative Solution**
 Carcinogenicity Contains a known or suspected carcinogen. The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical name	IARC	NTP	OSHA
formaldehyde (stabilised) 50-00-0	1	Known	X

IARC: (International Agency for Research on Cancer) Group 1 - Carcinogenic to Humans

NTP: (National Toxicity Program) Known - Known Carcinogen

OSHA: (Occupational Safety & Health Administration) X - Present

Reproductive toxicity

Kit Component **11674: 10X Fixative Solution**
 Reproductive toxicity There is limited evidence that formaldehyde causes adverse reproductive effects. Formaldehyde has not been proven to be teratogenic in animals and is probably not a human teratogen at occupationally permissible levels

Systemic Target Organ Toxicity (STOT)

Kit Component **11674: 10X Fixative Solution**
 STOT - single exposure May cause damage to organs
 Target Organ Effects Eyes Central nervous system (CNS) Blood Kidney Nasal Cavities Nasal Septum Bone marrow

Aspiration Hazard No information available.

SECTION 12. Ecological information

Ecotoxicity**Product Information**

Kit Component Ecotoxicity	11674: 10X Fixative Solution Harmful to aquatic life
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Component Information

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
formaldehyde (stabilised)	-	LC50 22.6 - 25.7 mg/L (Pimephales promelas) 96 h LC50 1510 µg/L (Lepomis macrochirus) 96 h LC50 23.2 - 29.7 mg/L (Pimephales promelas) 96 h LC50 0.032 - 0.226 mL/L (Oncorhynchus mykiss) 96 h LC50 100 - 136 mg/L (Oncorhynchus mykiss) 96 h LC50 41 mg/L (Brachydanio rerio) 96 h	EC50 11.3 - 18 mg/L (Daphnia magna) 48 h LC50 2 mg/L (Daphnia magna) 48 h
tetrapotassium iron (2+) hexacyanide trihydrate	-	LC50 19 mg/L (Poecilia reticulata) 96 h	EC50 32 mg/L (Daphnia) 48 h
tripotassium hexacyanoferrate	-	LC50 869 mg/l (Oncorhynchus mykiss) 96 h	EC50 549 mg/l (Daphnia magna) 48 h
sodium chloride	-	LC50 5560 - 6080 mg/L (Lepomis macrochirus) 96 h LC50 12946 mg/L (Lepomis macrochirus) 96 h LC50 4747 - 7824 mg/L (Oncorhynchus mykiss) 96 h LC50 7050 mg/L (Pimephales promelas) 96 h LC50 6420 - 6700 mg/L (Pimephales promelas) 96 h LC50 6020 - 7070 mg/L (Pimephales promelas) 96 h	EC50 340.7 - 469.2 mg/L (Daphnia magna) 48 h EC50 1000 mg/L (Daphnia magna) 48 h
trisodium orthophosphate	-	LC50 28.5 mg/L (Gambusia affinis) 96 h	-
methanol	EC50 22,000 mg/l (Scenedesmus capricornutum) 96 h	LC50 13500 - 17600 mg/L (Lepomis macrochirus) 96 h	EC50 > 10000 mg/l (Daphnia magna) 48 h
citric acid	-	LC50 1516 mg/L (Lepomis macrochirus) 96 h	EC50 120 mg/L (Daphnia magna) 72 h
glutaraldehyde	EC50 0.61 mg/L (Desmodesmus subspicatus) 72 h	LC50 2.6 - 4.8 mg/L (Oncorhynchus mykiss) 96 h	EC50 0.56 - 1.0 mg/L (Daphnia magna) 48 h

Persistence and degradability

Kit Component Persistence and degradability	11674: 10X Fixative Solution Product is biodegradable
Kit Component Persistence and degradability	11675: 10X Staining Solution Readily biodegradable
Kit Component Persistence and degradability	11676: 100X Solution A For tetrapotassium iron (2+) hexacyanide trihydrate : Not readily biodegradable

Bioaccumulation

Kit Component Bioaccumulation	11674: 10X Fixative Solution Not likely to bioaccumulate
Kit Component Bioaccumulation	11675: 10X Staining Solution Not likely to bioaccumulate

Chemical name	Octanol-Water Partition Coefficient
formaldehyde (stabilised)	0.35
methanol	-0.77
citric acid	-1.72
glutaraldehyde	0.22

Mobility

Kit Component 11674: 10X Fixative Solution
 Mobility Will likely be mobile in the environment due to its water solubility

Kit Component 11675: 10X Staining Solution
 Mobility Mobility in soil

Other adverse effects

Contains a known or suspected endocrine disruptor.

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.

SECTION 14. Transport information

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

DOT

UN number UN3334
UN proper shipping name Aviation regulated liquid, n.o.s. (formaldehyde, methanol)
Transport hazard class(es) 9
Packing group III

IATA

UN number UN3334
UN proper shipping name Aviation regulated liquid, n.o.s. (formaldehyde, methanol)
Transport hazard class(es) 9
Packing group III
ERG code 9A
Excepted Quantity E1

SECTION 15. Regulatory information

North American Inventory Listing

Chemical name	TSCA 8(b)	TSCA 12(b)	DSL	NDSL
5-bromo-4-chloroindol-3-yl-beta-D-galactopyranoside	Not Listed	Not Listed	Listed	Not Listed
formaldehyde (stabilised)	Listed	Not Listed	Listed	Not Listed

tetrapotassium iron (2+) hexacyanide trihydrate	Not Listed	Not Listed	Not Listed	Not Listed
tripotassium hexacyanoferrate	Listed	Not Listed	Listed	Not Listed
sodium chloride	Listed	Not Listed	Listed	Not Listed
trisodium orthophosphate	Listed	Not Listed	Listed	Not Listed
methanol	Listed	Not Listed	Listed	Not Listed
citric acid	Listed	Not Listed	Listed	Not Listed
glutaraldehyde	Listed	Not Listed	Listed	Not Listed

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS No.	SARA 313 - Threshold Values %
formaldehyde (stabilised)	50-00-0	0.1
tetrapotassium iron (2+) hexacyanide trihydrate	14459-95-1	1.0
tripotassium hexacyanoferrate	13746-66-2	1.0
methanol	67-56-1	1.0

SARA 311/312 Hazard Categories

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

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances	CWA - Bioaccumulative Chemicals of Concern (BCCs)
formaldehyde (stabilised)	100 lb	Not Listed	Not Listed	Listed	Not Listed
tetrapotassium iron (2+) hexacyanide trihydrate	Not Listed	Listed	Listed	Not Listed	Not Listed
tripotassium hexacyanoferrate	Not Listed	Listed	Listed	Not Listed	Not Listed
trisodium orthophosphate	5000 lb	Not Listed	Not Listed	Listed	Not Listed

CERCLA

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
formaldehyde (stabilised)	100 lb	100 lb
trisodium orthophosphate	5000 lb	Not Listed
methanol	5000 lb	Not Listed

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Prop. 65
formaldehyde (stabilised)	Carcinogen
methanol	Developmental

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
formaldehyde (stabilised)	Listed	Listed	Listed
tetrapotassium iron (2+) hexacyanide trihydrate	Listed	Not Listed	Listed
tripotassium hexacyanoferrate	Listed	Not Listed	Listed
trisodium orthophosphate	Listed	Listed	Listed
methanol	Listed	Listed	Listed
glutaraldehyde	Listed	Listed	Listed
disodium hydrogenorthophosphate	Listed	Listed	Listed

SECTION 16. Other information**Issuing Date:** 2017-10-17**Revision Date:** 2019-01-09**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