

Product Number:	Product Name:
CSK-0118	Calcein-AM / PI Cell Vitality / Viability Kit

Composition:

CSK-0118a	Calcein-AM Staining Solution
CSK-0118b	PI Staining Solution

If you have any further questions about this Material Safety Data Sheet, please contact us.

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8001489 Rev. D

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Section 1: Chemical Product and Company Identification

Product Number: CSK-0118a
Product Name: Calcein-AM Staining Solution
Supplier: Nexcelom Bioscience, LLC.
360 Merrimack St.
Lawrence, MA 01843

Section 2: Hazard Identification

- a. Emergency Overview
 - i. OSHA Hazards Combustible Liquid, Target Organ Effect: Eyes Skin
- b. GHS Classification
 - i. Flammable liquids Category 4
- c. GHS Label elements, including precautionary statements
 - i. Pictogram none
 - ii. Signal word Warning
 - iii. Hazard Statements
H227 Combustible Liquid
 - iv. Precautionary statement(s) none
- d. HMIS Classification
 - i. Health hazard: 0
 - ii. Chronic Health Hazard: *
 - iii. Flammability: 2
 - iv. Physical hazards: 0
- e. NFPA Rating
 - i. Health hazard: 0
 - ii. Fire: 2
 - iii. Reactivity Hazard: 0
- f. Chemwatch Hazard Rating
 - i. Flammability 1
 - ii. Toxicity 2
 - iii. Body Contact 2
 - iv. Reactivity 1
 - v. Chronic 2
- g. Potential Health Effects
 - i. Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
 - ii. Skin May be harmful if absorbed through skin. May cause skin irritation.
 - iii. Eyes May cause eye irritation.
 - iv. Ingestion May be harmful if swallowed.
 - v. Aggravated Medical Condition Avoid contact with DMSO solutions containing toxic materials or unknown toxicological properties. Dimethyl sulfoxide is readily absorbed through skin and may carry such materials into the body.
- h. Acute Health Effects
 - i. Swallowed
 - 1. Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual.
 - ii. Eye
 - 1. This material can cause eye irritation and damage in some persons.

- iii. Skin
 1. Skin contact with the material may be harmful; systemic effects may result following absorption.
 2. This material can cause inflammation of the skin on contact in some persons.
 3. The material may accentuate any pre-existing dermatitis condition.
 4. Open cuts, abraded or irritated skin should not be exposed to this material.
 5. Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected
- iv. Inhaled
 1. Inhalation of dusts, generated by the material, during the course of normal handling, may be harmful.
 2. The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage.
 3. Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled. If prior damage to the circulatory or nervous systems has occurred or if kidney damage has been sustained, proper screenings should be conducted on individuals who may be exposed to further risk if handling and use of the material result in excessive exposures.
- i. Chronic Health Effects
 - i. Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems.
Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational Exposure.
Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis; caused by particles less than 0.5 micron penetrating and remaining in the lung. Prime symptom is breathlessness; lung shadows show on X-ray.

Section 3: Composition/Information on Ingredients

CAS-No.	EC-No.	Index-No.	Concentration
Calcein-AM			
148504-34-1	-		>= 0.1 - <= 10 %
Dimethyl sulfoxide			
67-68-5	200-664-3		>= 90 - <= 99.9 %

Section 4: First Aid Measures

General Advice:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If Inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact:	Wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact:	Flush eyes with water and Seek medical attention without delay.

If Swallowed: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY. Urgent hospital treatment is likely to be needed.

Section 5: Fire Fighting Measures

Flammable Properties:	Flash point – no data available Ignition temperature – no data available
Suitable Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Protective Equipment for Fire-Fighters:	Wear self-contained breathing apparatus for fire-fighting if necessary.
Hazardous Combustion Products	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sulphur oxides. May emit poisonous fumes. May emit corrosive fumes
Further Information	Use water spray to cool unopened containers. Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine etc. as ignition may result

Section 6: Accidental Release Measures

Personal Precautions:	Avoid breathing vapors, mist or gas. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and Materials for Containment and Cleaning:	Contain spillage from entering drains or water courses, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal

Section 7: Handling and Storage

Precautions for Safe Handling:	Avoid personal contact including inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge
Conditions for Safe Storage:	Keep container tightly closed in a dry and well-ventilated place. Store under inert gas. Hygroscopic

Section 8: Exposure Controls and Personal Protection

Components	Cas-No.	Value	Control Parameters	Basis
Dimethyl sulfoxide	67-68-5	TWA	250 ppm	USA. Workplace Environmental Exposure Levels WEEL)

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: Handle with gloves.

Eye Protection: Safety glasses with side-shields conforming to EN166.

Skin and Body Protection: Impervious clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Engineering Controls Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are

Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

Section 9: Physical and Chemical Properties

Appearance

Form: Liquid

Color: Clear

Safety Data

pH: No data available

Melting Point: 16 - 19 °C (61 - 66 °F)

Boiling Point: 189 °C (372 °F)

Flash Point: 87 °C (189 °F) - closed cup

Ignition Temperature: 301 °C (574 °F)

Autoignition No data available

temperature	
Lower Explosion Limit:	3.5 %(V)
Upper Explosion Limit:	42 %(V)
Vapor pressure	0.55 hPa (0.41 mmHg) at 20 °C (68 °F)
Density	1.1 g/mL
Water Solubility:	completely miscible
Partition coefficient: n-octanol/water	log Pow: -2.03
Relative vapor density	2.70 - (Air = 1.0)
Odor	No data available
Odor Threshold	No data available
Evaporation rate	No data available
Volatile Component	Negligible

Section 10: Stability and Reactivity

Storage Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Heat, flames and sparks.
Materials to Avoid:	Acid chlorides, Phosphorus halides, Strong acids, Strong oxidizing agents, Strong reducing agents, Metal salts.
Hazardous Decomposition Products:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sulphur oxides. Other decomposition products - no data available

Section 11: Toxicological Information

Acute Toxicity:	Oral LD50 – rat – 14,500 mg/kg Inhalation LC50 – rat - 4 h - 40250 ppm Dermal LD50 - rabbit - > 5,000 mg/kg
Skin Corrosion/Irritation:	No data available
Serious Eye Damage/Irritation:	No data available
Respiratory or Skin Sensitization:	Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as

	reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound.
Germ Cell Mutagenicity:	Genotoxicity in vitro - mouse - lymphocyte Cytogenetic analysis Genotoxicity in vitro - mouse - lymphocyte Mutation in mammalian somatic cells. Genotoxicity in vivo - rat - Intraperitoneal Cytogenetic analysis Genotoxicity in vivo - mouse - Intraperitoneal DNA damage
Carcinogenicity:	Carcinogenicity - rat - Oral Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Skin and Appendages: Other: Tumors. Carcinogenicity - mouse - Oral Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Leukaemia Skin and Appendages: Other: Tumors. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive Toxicity:	Reproductive toxicity - rat - Intraperitoneal Effects on Fertility: Abortion. Reproductive toxicity - rat - Intraperitoneal Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants). Reproductive toxicity - rat - Subcutaneous Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants). Effects on Fertility: Litter size (e.g.; # fetuses per litter; measured before birth). Reproductive toxicity - mouse - Oral Effects on Fertility: Pre-implantation mortality (e.g., reduction in number of implants per female; total number of implants per corpora lutea). Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific Developmental Abnormalities: Musculoskeletal system.
Teratogenicity	Developmental Toxicity - mouse - Intraperitoneal Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific Developmental Abnormalities: Musculoskeletal system
Specific Target Organ Toxicity – Single Exposure:	No data available
Aspiration Hazard:	No data available
Potential Health Effects	
Inhalation:	May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion:	May be harmful is swallowed.
Skin:	May be harmful if absorbed through skin. Causes skin irritation.
Eyes:	May causes eye irritation.
Aggravated Medical Condition	Avoid contact with DMSO solutions containing toxic materials or materials with unknown toxicological properties. Dimethyl sulfoxide is readily absorbed through skin and may carry such materials into the body.
Signs and Symptoms of Exposure:	Effects due to ingestion may include:, Nausea, Fatigue, Headache
Synergistic Effects	No data Available
Additional Information	RTECS: PV6210000

Section 12: Ecological Information

Toxicity:	
Toxicity to fish	LC50 - Pimephales promelas (fathead minnow) - 34,000 mg/l - 96 h LC50 - Oncorhynchus mykiss (rainbow trout) - 35,000 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia pulex (Water flea) - 27,500 mg/l
Toxicity to algae	EC50 - Lepomis macrochirus (Bluegill) - > 400,000 mg/l - 96 h
Persistence and Degradability:	High
Bioaccumulative Potential:	Low
Mobility in Soil:	Low
PBT and vPvB Assessment:	No data available
Other Adverse Affects:	No data available

Section 13: Disposable Considerations

Product:	This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. All waste must be handled in accordance with local, state and federal regulations.
Contaminated Packaging:	Dispose of as unused product.

Section 14: Transport Information

DOT (US):	NA-Number: 1993 Class: CBL Packing group: III Proper shipping name: Combustible liquid, n.o.s. (Dimethyl sulfoxide) Marine pollutant: No Poison Inhalation Hazard: No
IMDG:	Not dangerous goods
IATA:	Not dangerous goods

Section 15: Regulatory Information

OSHA Hazards:	Combustible Liquid, Target Organ Effect
SARA 302 Components:	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components:	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards:	Fire Hazard, Chronic Health Hazard
Massachusetts Right to Know Components:	No Components Listed
Pennsylvania Right to Know Components:	Dimethyl sulfoxide CAS-No. 67-68-5
New Jersey Right to Know Components:	3 Dimethyl sulfoxide CAS-No. 67-68-5
California Prop. 65 Components:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
GESAMP/EHS Composite List	GESAMP Hazard Profiles
IMO Provisional Categorization of Liquid Substances – List 2:	Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO
IMO Provisional Categorization of Liquid Substances - List 3:	(Trade-named) mixtures containing at least 99% by weight of components already assessed by IMO, presenting safety hazards
US	California Occupational Safety and Health Regulations (CAL/OSHA) - Hazardous Substances List California Toxic Air Contaminant List Category III

Maine Chemicals of High Concern List
Clean Air Act - Hazardous Air Pollutants
EPA Toxic Chemical Release Inventory Persistent Bioaccumulative Toxic Chemical (PBT) List
EPCRA Section 313 Chemical List
List of Lists - Consolidated List of Chemicals Subject to EPCRA, CERCLA and Section 112(r) of the Clean Air Act"

Section 16: Other Information

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Date Revised: 30 Nov 2015

END OF MSDS

Section 1: Chemical Product and Company Identification

Product Number: CSK-0118b
Product Name: PI Staining Solution
Supplier: Nexcelom Bioscience, LLC.
360 Merrimack St.
Lawrence, MA 01843

Section 2: Hazard Identification

- a. Emergency Overview
 - ii. OSHA Hazards
 - iii. Irritant, Mutagen
- b. HMIS Classification
 - iv. Health hazard: 0
 - v. Chronic Health Hazard: *
 - vi. Flammability: 0
 - vii. Physical hazards: 0
- c. NFPA Rating
 - viii. Health hazard: 0
 - ix. Fire: 0
 - x. Reactivity Hazard: 0
- d. Potential Health Effects
 - xi. Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
 - xii. Skin May be harmful if absorbed through skin. May cause skin irritation.
 - xiii. Eyes May cause eye irritation.
 - xiv. Ingestion May be harmful if swallowed.
- e. Precautionary statement(s)
 - xv. Avoid breathing dust/fume/gas/mist/vapors/spray.
 - xvi. Wash skin thoroughly after handling.
 - xvii. Use only outdoors or in a well-ventilated area.
 - xviii. Wear protective gloves/eye protection/face protection.
 - xix. IF ON SKIN: Wash with plenty of soap and water.
 - xx. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - xxi. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - xxii. Call a POISON CENTER or doctor/physician if you feel unwell.
 - xxiii. Specific treatment (see supplemental first aid instructions on this label).
 - xxiv. If skin irritation occurs: Get medical advice/attention.
 - xxv. If eye irritation persists: Get medical advice/attention.
 - xxvi. Take off contaminated clothing and wash before reuse.
 - xxvii. Store in a well-ventilated place. Keep container tightly closed.
 - xxviii. Store locked up.
 - xxix. Dispose of contents/container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Formula		C ₂₇ H ₃₄ I ₂ N ₄	
CAS-No.	EC-No.	Index-No.	Concentration
3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-phenylphenanthridinium diiodide			
25535-16-4	247-081-0		>= 0.1 - <= 50 %
Water			
7732-18-5	231-791-2		>= 50 - <= 99.9 %
Sodium Chloride			
7647-14-5			>= 70 - <= 99.9 %
DI-Sodium Hydrogen Phosphate Anhydrous			
7558-79-4			>= 0.1 - <= 30 %
Potassium Phosphate, Monobasic			
7778-77-0			>= 0.1 - <= 30 %
Potassium Chloride			
7447-40-7			>= 0.1 - <= 30 %

Section 4: First Aid Measures

General Advice:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If Inhaled:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact:	Wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If Swallowed:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5: Fire Fighting Measures

Flammable Properties:	Flash point – no data available Ignition temperature – no data available
Suitable Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Protective Equipment for Fire-Fighters:	Wear self-contained breathing apparatus for fire-fighting if necessary.

Section 6: Accidental Release Measures

Personal Precautions:	Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.
Environmental Precautions:	Do not let product enter drains.
Methods and Materials for Containment and Cleaning:	Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for Safe Handling:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection.
Conditions for Safe Storage:	Protect against light. Keep container tightly closed in a dry and well-ventilated place. Store at 2-8°C. Light Sensitive. Hygroscopic.

Section 8: Exposure Controls and Personal Protection

Contains no substances with occupational exposure limit values.

Respiratory Protection:	Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand Protection:	Handle with gloves.
Eye Protection:	Safety glasses with side-shields conforming to EN166.
Skin and Body Protection:	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Section 9: Physical and Chemical Properties

Appearance	
Form:	Liquid
Color:	Light Orange
Safety Data	
pH:	No data available
Melting Point:	No data available
Boiling Point:	No data available
Flash Point:	No data available
Ignition	No data available

Temperature:	
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Water Solubility:	No data available

Section 10: Stability and Reactivity

Storage Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	No data available
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition Products:	Hazardous decomposition products formed under fire conditions. – Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas

Section 11: Toxicological Information

Acute Toxicity:	LD50 Subcutaneous – mouse – 16 mg/kg
Skin Corrosion/Irritation:	No data available
Serious Eye Damage/Irritation:	No data available
Respiratory or Skin Sensitization:	No data available
Germ Cell Mutagenicity:	Laboratory results have shown mutagenic effects.
Chronic Exposure:	<p>IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.</p> <p>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by ACGIH.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by OSHA.</p>
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity –	Inhalation – may cause respiratory irritation

Single Exposure:

Aspiration Hazard: No data available

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May be harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

Toxicity: No data available

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

PBT and vPvB Assessment: No data available

Other Adverse Affects: No data available

Section 13: Disposable Considerations

Product: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated Packaging: Dispose of as unused product.

Section 14: Transport Information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section 15: Regulatory Information

OSHA Hazards:	Irritant, Mutagen
DSL Status:	This product contains the following components that are not on the Canadian DSL nor NDSL lists: 3, 8-Diamino-5-[3-diethylmethylammonio)propyl]-6-phenylphenanthridium diiodide CAS-No. 25535-16-4 This product contains the following components that are on the Canadian DSL nor NDSL lists: N, N, N', N'-Tetramethylacridin-3, 6-ylidiamine hydrochloride CAS-No. 65-61-2
SARA 302 Components:	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components:	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards:	Acute Health Hazard, Chronic Health Hazard
Massachusetts Right to Know Components:	No Components Listed
Pennsylvania Right to Know Components:	3, 8-Diamino-5-[3-diethylmethylammonio)propyl]-6-phenylphenanthridium diiodide CAS-No. 25535-16-4 Water CAS-No. 7732-18-5
New Jersey Right to Know Components:	3, 8-Diamino-5-[3-diethylmethylammonio)propyl]-6-phenylphenanthridium diiodide CAS-No. 25535-16-4 Water CAS-No. 7732-18-5 N, N, N', N'-Tetramethylacridin-3, 6-ylidiamine hydrochloride CAS-No. 65-61-2
California Prop. 65 Components:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

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Date Revised: 30 Nov 2015

END OF MSDS