

SAFETY DATA SHEET

Caffeine Standards Kit for LC OQ/PV, Part Number 8500-6762

Section 1. Identification

1.1 Product identifier

Product name : Caffeine Standards Kit for LC OQ/PV, Part Number 8500-6762

Part no. (chemical kit) : 8500-6762

Part no. :

8500-6762 - Kit Component (5 µg/mL)	8500-6762-1
8500-6762 - Kit Component (25 µg/mL)	8500-6762-2
8500-6762 - Kit Component (125 µg/mL)	8500-6762-3
8500-6762 - Kit Component (250 µg/mL)	8500-6762-4
8500-6762 - Kit Component (500 µg/mL)	8500-6762-5

Validation date : 3/1/2018

1.2 Relevant identified uses of the substance or mixture and uses advised against

Material uses : Reagents and Standards for Analytical Chemistry Laboratory Use

8500-6762 - Kit Component (5 µg/mL)	1 x 5 ml
8500-6762 - Kit Component (25 µg/mL)	1 x 5 ml
8500-6762 - Kit Component (125 µg/mL)	1 x 10 ml
8500-6762 - Kit Component (250 µg/mL)	1 x 5 ml
8500-6762 - Kit Component (500 µg/mL)	1 x 5 ml

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer : Agilent Technologies, Inc.
 5301 Stevens Creek Blvd
 Santa Clara, CA 95051, USA
 800-227-9770

1.4 Emergency telephone number

In case of emergency : CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status :

8500-6762 - Kit Component (5 µg/mL)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
8500-6762 - Kit Component (25 µg/mL)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
8500-6762 - Kit Component (125 µg/mL)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
8500-6762 - Kit Component (250 µg/mL)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Section 2. Hazards identification

1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

8500-6762 - Kit Component (500 µg/mL) While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

Not classified.

2.2 GHS label elements

Signal word

: 8500-6762 - Kit Component (5 µg/mL) No signal word.
 8500-6762 - Kit Component (25 µg/mL) No signal word.
 8500-6762 - Kit Component (125 µg/mL) No signal word.
 8500-6762 - Kit Component (250 µg/mL) No signal word.
 8500-6762 - Kit Component (500 µg/mL) No signal word.

Hazard statements

: 8500-6762 - Kit Component (5 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (25 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.

Precautionary statements

Prevention

: 8500-6762 - Kit Component (5 µg/mL) Not applicable.
 8500-6762 - Kit Component (25 µg/mL) Not applicable.
 8500-6762 - Kit Component (125 µg/mL) Not applicable.
 8500-6762 - Kit Component (250 µg/mL) Not applicable.
 8500-6762 - Kit Component (500 µg/mL) Not applicable.

Response

: 8500-6762 - Kit Component (5 µg/mL) Not applicable.
 8500-6762 - Kit Component (25 µg/mL) Not applicable.
 8500-6762 - Kit Component (125 µg/mL) Not applicable.
 8500-6762 - Kit Component (250 µg/mL) Not applicable.
 8500-6762 - Kit Component (500 µg/mL) Not applicable.

Section 2. Hazards identification

Storage : 8500-6762 - Kit Component (5 µg/mL) Not applicable.
 8500-6762 - Kit Component (25 µg/mL) Not applicable.
 8500-6762 - Kit Component (125 µg/mL) Not applicable.
 8500-6762 - Kit Component (250 µg/mL) Not applicable.
 8500-6762 - Kit Component (500 µg/mL) Not applicable.

Disposal : 8500-6762 - Kit Component (5 µg/mL) Not applicable.
 8500-6762 - Kit Component (25 µg/mL) Not applicable.
 8500-6762 - Kit Component (125 µg/mL) Not applicable.
 8500-6762 - Kit Component (250 µg/mL) Not applicable.
 8500-6762 - Kit Component (500 µg/mL) Not applicable.

Supplemental label elements : 8500-6762 - Kit Component (5 µg/mL) None known.
 8500-6762 - Kit Component (25 µg/mL) None known.
 8500-6762 - Kit Component (125 µg/mL) None known.
 8500-6762 - Kit Component (250 µg/mL) None known.
 8500-6762 - Kit Component (500 µg/mL) None known.

2.3 Other hazards

Hazards not otherwise classified : 8500-6762 - Kit Component (5 µg/mL) None known.
 8500-6762 - Kit Component (25 µg/mL) None known.
 8500-6762 - Kit Component (125 µg/mL) None known.
 8500-6762 - Kit Component (250 µg/mL) None known.
 8500-6762 - Kit Component (500 µg/mL) None known.

Section 3. Composition/information on ingredients

Substance/mixture : 8500-6762 - Kit Component (5 µg/mL Mixture)
 8500-6762 - Kit Component (25 µg/mL Mixture)
 8500-6762 - Kit Component (125 µg/mL Mixture)
 8500-6762 - Kit Component (250 µg/mL Mixture)
 8500-6762 - Kit Component (500 µg/mL Mixture)

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Section 3. Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact	: 8500-6762 - Kit Component (5 µg/mL)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	8500-6762 - Kit Component (25 µg/mL)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	8500-6762 - Kit Component (125 µg/mL)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	8500-6762 - Kit Component (250 µg/mL)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	8500-6762 - Kit Component (500 µg/mL)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: 8500-6762 - Kit Component (5 µg/mL)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (25 µg/mL)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (125 µg/mL)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (250 µg/mL)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (500 µg/mL)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: 8500-6762 - Kit Component (5 µg/mL)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (25 µg/mL)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (125 µg/mL)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (250 µg/mL)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (500 µg/mL)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Section 4. First aid measures

Ingestion	: 8500-6762 - Kit Component (5 µg/mL)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (25 µg/mL)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (125 µg/mL)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (250 µg/mL)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	8500-6762 - Kit Component (500 µg/mL)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: 8500-6762 - Kit Component (5 µg/mL)	No known significant effects or critical hazards.
	8500-6762 - Kit Component (25 µg/mL)	No known significant effects or critical hazards.
	8500-6762 - Kit Component (125 µg/mL)	No known significant effects or critical hazards.
	8500-6762 - Kit Component (250 µg/mL)	No known significant effects or critical hazards.
	8500-6762 - Kit Component (500 µg/mL)	No known significant effects or critical hazards.
Inhalation	: 8500-6762 - Kit Component (5 µg/mL)	No known significant effects or critical hazards.
	8500-6762 - Kit Component (25 µg/mL)	No known significant effects or critical hazards.
	8500-6762 - Kit Component (125 µg/mL)	No known significant effects or critical hazards.
	8500-6762 - Kit Component (250 µg/mL)	No known significant effects or critical hazards.
	8500-6762 - Kit Component (500 µg/mL)	No known significant effects or critical hazards.

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- g/mL)
- Skin contact** : 8500-6762 - Kit Component (5 µg/ No known significant effects or critical hazards. mL)
8500-6762 - Kit Component (25 µg/ No known significant effects or critical hazards. mL)
8500-6762 - Kit Component (125 µ No known significant effects or critical hazards. g/mL)
8500-6762 - Kit Component (250 µ No known significant effects or critical hazards. g/mL)
8500-6762 - Kit Component (500 µ No known significant effects or critical hazards. g/mL)
- Ingestion** : 8500-6762 - Kit Component (5 µg/ No known significant effects or critical hazards. mL)
8500-6762 - Kit Component (25 µg/ No known significant effects or critical hazards. mL)
8500-6762 - Kit Component (125 µ No known significant effects or critical hazards. g/mL)
8500-6762 - Kit Component (250 µ No known significant effects or critical hazards. g/mL)
8500-6762 - Kit Component (500 µ No known significant effects or critical hazards. g/mL)
- Over-exposure signs/symptoms**
- Eye contact** : 8500-6762 - Kit Component (5 µg/ No specific data. mL)
8500-6762 - Kit Component (25 µg/ No specific data. mL)
8500-6762 - Kit Component (125 µ No specific data. g/mL)
8500-6762 - Kit Component (250 µ No specific data. g/mL)
8500-6762 - Kit Component (500 µ No specific data. g/mL)
- Inhalation** : 8500-6762 - Kit Component (5 µg/ No specific data. mL)
8500-6762 - Kit Component (25 µg/ No specific data. mL)
8500-6762 - Kit Component (125 µ No specific data. g/mL)
8500-6762 - Kit Component (250 µ No specific data. g/mL)
8500-6762 - Kit Component (500 µ No specific data. g/mL)
- Skin contact** : 8500-6762 - Kit Component (5 µg/ No specific data. mL)
8500-6762 - Kit Component (25 µg/ No specific data. mL)
8500-6762 - Kit Component (125 µ No specific data. g/mL)
8500-6762 - Kit Component (250 µ No specific data. g/mL)
8500-6762 - Kit Component (500 µ No specific data. g/mL)

Section 4. First aid measures

- Ingestion**
- : 8500-6762 - Kit Component (5 µg/ mL) No specific data.
 - 8500-6762 - Kit Component (25 µg/ mL) No specific data.
 - 8500-6762 - Kit Component (125 µg/mL) No specific data.
 - 8500-6762 - Kit Component (250 µg/mL) No specific data.
 - 8500-6762 - Kit Component (500 µg/mL) No specific data.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician**
- : 8500-6762 - Kit Component (5 µg/ mL) Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
 - 8500-6762 - Kit Component (25 µg/ mL) Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
 - 8500-6762 - Kit Component (125 µg/mL) Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
 - 8500-6762 - Kit Component (250 µg/mL) Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
 - 8500-6762 - Kit Component (500 µg/mL) Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments**
- : 8500-6762 - Kit Component (5 µg/ mL) No specific treatment.
 - 8500-6762 - Kit Component (25 µg/ mL) No specific treatment.
 - 8500-6762 - Kit Component (125 µg/mL) No specific treatment.
 - 8500-6762 - Kit Component (250 µg/mL) No specific treatment.
 - 8500-6762 - Kit Component (500 µg/mL) No specific treatment.
- Protection of first-aiders**
- : 8500-6762 - Kit Component (5 µg/ mL) No action shall be taken involving any personal risk or without suitable training.
 - 8500-6762 - Kit Component (25 µg/ mL) No action shall be taken involving any personal risk or without suitable training.
 - 8500-6762 - Kit Component (125 µg/mL) No action shall be taken involving any personal risk or without suitable training.
 - 8500-6762 - Kit Component (250 µg/mL) No action shall be taken involving any personal risk or without suitable training.
 - 8500-6762 - Kit Component (500 µg/mL) No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	: 8500-6762 - Kit Component (5 µg/mL)	Use an extinguishing agent suitable for the surrounding fire.
	8500-6762 - Kit Component (25 µg/mL)	Use an extinguishing agent suitable for the surrounding fire.
	8500-6762 - Kit Component (125 µg/mL)	Use an extinguishing agent suitable for the surrounding fire.
	8500-6762 - Kit Component (250 µg/mL)	Use an extinguishing agent suitable for the surrounding fire.
	8500-6762 - Kit Component (500 µg/mL)	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: 8500-6762 - Kit Component (5 µg/mL)	None known.
	8500-6762 - Kit Component (25 µg/mL)	None known.
	8500-6762 - Kit Component (125 µg/mL)	None known.
	8500-6762 - Kit Component (250 µg/mL)	None known.
	8500-6762 - Kit Component (500 µg/mL)	None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	: 8500-6762 - Kit Component (5 µg/mL)	In a fire or if heated, a pressure increase will occur and the container may burst.
	8500-6762 - Kit Component (25 µg/mL)	In a fire or if heated, a pressure increase will occur and the container may burst.
	8500-6762 - Kit Component (125 µg/mL)	In a fire or if heated, a pressure increase will occur and the container may burst.
	8500-6762 - Kit Component (250 µg/mL)	In a fire or if heated, a pressure increase will occur and the container may burst.
	8500-6762 - Kit Component (500 µg/mL)	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: 8500-6762 - Kit Component (5 µg/mL)	No specific data.
	8500-6762 - Kit Component (25 µg/mL)	No specific data.
	8500-6762 - Kit Component (125 µg/mL)	No specific data.
	8500-6762 - Kit Component (250 µg/mL)	No specific data.
	8500-6762 - Kit Component (500 µg/mL)	No specific data.

5.3 Advice for firefighters

Special protective actions for fire-fighters	: 8500-6762 - Kit Component (5 µg/mL)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	8500-6762 - Kit Component (25 µg/mL)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	8500-6762 - Kit Component (125 µg/mL)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or

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	8500-6762 - Kit Component (250 µg/mL)	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	8500-6762 - Kit Component (500 µg/mL)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: 8500-6762 - Kit Component (5 µg/mL)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	8500-6762 - Kit Component (25 µg/mL)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	8500-6762 - Kit Component (125 µg/mL)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	8500-6762 - Kit Component (250 µg/mL)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	8500-6762 - Kit Component (500 µg/mL)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: 8500-6762 - Kit Component (5 µg/mL)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	8500-6762 - Kit Component (25 µg/mL)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	8500-6762 - Kit Component (125 µg/mL)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	8500-6762 - Kit Component (250 µg/mL)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	8500-6762 - Kit Component (500 µg/mL)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

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<p>For emergency responders : 8500-6762 - Kit Component (5 µg/mL)</p> <p>8500-6762 - Kit Component (25 µg/mL)</p> <p>8500-6762 - Kit Component (125 µg/mL)</p> <p>8500-6762 - Kit Component (250 µg/mL)</p> <p>8500-6762 - Kit Component (500 µg/mL)</p>	<p>surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p>
<p>6.2 Environmental precautions : 8500-6762 - Kit Component (5 µg/mL)</p> <p>8500-6762 - Kit Component (25 µg/mL)</p> <p>8500-6762 - Kit Component (125 µg/mL)</p> <p>8500-6762 - Kit Component (250 µg/mL)</p> <p>8500-6762 - Kit Component (500 µg/mL)</p>	<p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p> <p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p> <p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p> <p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p> <p>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p>

6.3 Methods and materials for containment and cleaning up

Section 6. Accidental release measures

Methods for cleaning up	: 8500-6762 - Kit Component (5 µg/mL)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	8500-6762 - Kit Component (25 µg/mL)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	8500-6762 - Kit Component (125 µg/mL)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	8500-6762 - Kit Component (250 µg/mL)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	8500-6762 - Kit Component (500 µg/mL)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures	: 8500-6762 - Kit Component (5 µg/mL)	Put on appropriate personal protective equipment (see Section 8).
	8500-6762 - Kit Component (25 µg/mL)	Put on appropriate personal protective equipment (see Section 8).
	8500-6762 - Kit Component (125 µg/mL)	Put on appropriate personal protective equipment (see Section 8).
	8500-6762 - Kit Component (250 µg/mL)	Put on appropriate personal protective equipment (see Section 8).
	8500-6762 - Kit Component (500 µg/mL)	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	: 8500-6762 - Kit Component (5 µg/mL)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	8500-6762 - Kit Component (25 µg/mL)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	8500-6762 - Kit Component (125 µg/mL)	Eating, drinking and smoking should be prohibited

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g/mL)		in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
8500-6762 - Kit Component (250 μ g/mL)		Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
8500-6762 - Kit Component (500 μ g/mL)		Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

: 8500-6762 - Kit Component (5 μ g/mL)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
8500-6762 - Kit Component (25 μ g/mL)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
8500-6762 - Kit Component (125 μ g/mL)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
8500-6762 - Kit Component (250 μ g/mL)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food

Section 7. Handling and storage

8500-6762 - Kit Component (500 µg/mL)

and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

Recommendations

- : 8500-6762 - Kit Component (5 µg/mL) Industrial applications, Professional applications.
- : 8500-6762 - Kit Component (25 µg/mL) Industrial applications, Professional applications.
- : 8500-6762 - Kit Component (125 µg/mL) Industrial applications, Professional applications.
- : 8500-6762 - Kit Component (250 µg/mL) Industrial applications, Professional applications.
- : 8500-6762 - Kit Component (500 µg/mL) Industrial applications, Professional applications.

Industrial sector specific solutions

- : 8500-6762 - Kit Component (5 µg/mL) Not applicable.
- : 8500-6762 - Kit Component (25 µg/mL) Not applicable.
- : 8500-6762 - Kit Component (125 µg/mL) Not applicable.
- : 8500-6762 - Kit Component (250 µg/mL) Not applicable.
- : 8500-6762 - Kit Component (500 µg/mL) Not applicable.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
None.	

8.2 Exposure controls

Appropriate engineering controls

- : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls

- : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 8. Exposure controls/personal protection

Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

- Physical state** : 8500-6762 - Kit Component (5 µg/ Liquid. mL)
8500-6762 - Kit Component (25 µg/ Liquid. mL)
8500-6762 - Kit Component (125 µg/ Liquid. g/mL)
8500-6762 - Kit Component (250 µg/ Liquid. g/mL)
8500-6762 - Kit Component (500 µg/ Liquid. g/mL)
- Color** : 8500-6762 - Kit Component (5 µg/ Not available. mL)
8500-6762 - Kit Component (25 µg/ Not available. mL)
8500-6762 - Kit Component (125 µg/ Not available. g/mL)
8500-6762 - Kit Component (250 µg/ Not available. g/mL)
8500-6762 - Kit Component (500 µg/ Not available. g/mL)

Section 9. Physical and chemical properties

Odor	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available. 8500-6762 - Kit Component (500 µg/ mL) Not available.
Odor threshold	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available. 8500-6762 - Kit Component (500 µg/ mL) Not available.
pH	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available. 8500-6762 - Kit Component (500 µg/ mL) Not available.
Melting point	: 8500-6762 - Kit Component (5 µg/ mL) 0°C (32°F) 8500-6762 - Kit Component (25 µg/ mL) 0°C (32°F) 8500-6762 - Kit Component (125 µg/ mL) 0°C (32°F) 8500-6762 - Kit Component (250 µg/ mL) 0°C (32°F) 8500-6762 - Kit Component (500 µg/ mL) 0°C (32°F)
Boiling point	: 8500-6762 - Kit Component (5 µg/ mL) 100°C (212°F) 8500-6762 - Kit Component (25 µg/ mL) 100°C (212°F) 8500-6762 - Kit Component (125 µg/ mL) 100°C (212°F) 8500-6762 - Kit Component (250 µg/ mL) 100°C (212°F) 8500-6762 - Kit Component (500 µg/ mL) 100°C (212°F)
Flash point	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available.

Section 9. Physical and chemical properties

	8500-6762 - Kit Component (500 µg/mL) Not available.
Evaporation rate	: 8500-6762 - Kit Component (5 µg/mL) Not available. 8500-6762 - Kit Component (25 µg/mL) Not available. 8500-6762 - Kit Component (125 µg/mL) Not available. 8500-6762 - Kit Component (250 µg/mL) Not available. 8500-6762 - Kit Component (500 µg/mL) Not available.
Flammability (solid, gas)	: 8500-6762 - Kit Component (5 µg/mL) Not applicable. 8500-6762 - Kit Component (25 µg/mL) Not applicable. 8500-6762 - Kit Component (125 µg/mL) Not applicable. 8500-6762 - Kit Component (250 µg/mL) Not applicable. 8500-6762 - Kit Component (500 µg/mL) Not applicable.
Lower and upper explosive (flammable) limits	: 8500-6762 - Kit Component (5 µg/mL) Not available. 8500-6762 - Kit Component (25 µg/mL) Not available. 8500-6762 - Kit Component (125 µg/mL) Not available. 8500-6762 - Kit Component (250 µg/mL) Not available. 8500-6762 - Kit Component (500 µg/mL) Not available.
Vapor pressure	: 8500-6762 - Kit Component (5 µg/mL) Not available. 8500-6762 - Kit Component (25 µg/mL) Not available. 8500-6762 - Kit Component (125 µg/mL) Not available. 8500-6762 - Kit Component (250 µg/mL) Not available. 8500-6762 - Kit Component (500 µg/mL) Not available.
Vapor density	: 8500-6762 - Kit Component (5 µg/mL) Not available. 8500-6762 - Kit Component (25 µg/mL) Not available. 8500-6762 - Kit Component (125 µg/mL) Not available. 8500-6762 - Kit Component (250 µg/mL) Not available. 8500-6762 - Kit Component (500 µg/mL) Not available.

Section 9. Physical and chemical properties

Relative density	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available. 8500-6762 - Kit Component (500 µg/ mL) Not available.
Solubility	: 8500-6762 - Kit Component (5 µg/ mL) Easily soluble in the following materials: cold water and hot water. 8500-6762 - Kit Component (25 µg/ mL) Easily soluble in the following materials: cold water and hot water. 8500-6762 - Kit Component (125 µg/ mL) Easily soluble in the following materials: cold water and hot water. 8500-6762 - Kit Component (250 µg/ mL) Easily soluble in the following materials: cold water and hot water. 8500-6762 - Kit Component (500 µg/ mL) Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available. 8500-6762 - Kit Component (500 µg/ mL) Not available.
Auto-ignition temperature	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available. 8500-6762 - Kit Component (500 µg/ mL) Not available.
Decomposition temperature	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available. 8500-6762 - Kit Component (500 µg/ mL) Not available.
Viscosity	: 8500-6762 - Kit Component (5 µg/ mL) Not available. 8500-6762 - Kit Component (25 µg/ mL) Not available. 8500-6762 - Kit Component (125 µg/ mL) Not available. 8500-6762 - Kit Component (250 µg/ mL) Not available.

Section 9. Physical and chemical properties

8500-6762 - Kit Component (500 µg/mL) Not available.

Section 10. Stability and reactivity

- 10.1 Reactivity**
- : 8500-6762 - Kit Component (5 µg/mL) No specific test data related to reactivity available for this product or its ingredients.
 - : 8500-6762 - Kit Component (25 µg/mL) No specific test data related to reactivity available for this product or its ingredients.
 - : 8500-6762 - Kit Component (125 µg/mL) No specific test data related to reactivity available for this product or its ingredients.
 - : 8500-6762 - Kit Component (250 µg/mL) No specific test data related to reactivity available for this product or its ingredients.
 - : 8500-6762 - Kit Component (500 µg/mL) No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability**
- : 8500-6762 - Kit Component (5 µg/mL) The product is stable.
 - : 8500-6762 - Kit Component (25 µg/mL) The product is stable.
 - : 8500-6762 - Kit Component (125 µg/mL) The product is stable.
 - : 8500-6762 - Kit Component (250 µg/mL) The product is stable.
 - : 8500-6762 - Kit Component (500 µg/mL) The product is stable.
- 10.3 Possibility of hazardous reactions**
- : 8500-6762 - Kit Component (5 µg/mL) Under normal conditions of storage and use, hazardous reactions will not occur.
 - : 8500-6762 - Kit Component (25 µg/mL) Under normal conditions of storage and use, hazardous reactions will not occur.
 - : 8500-6762 - Kit Component (125 µg/mL) Under normal conditions of storage and use, hazardous reactions will not occur.
 - : 8500-6762 - Kit Component (250 µg/mL) Under normal conditions of storage and use, hazardous reactions will not occur.
 - : 8500-6762 - Kit Component (500 µg/mL) Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid**
- : 8500-6762 - Kit Component (5 µg/mL) No specific data.
 - : 8500-6762 - Kit Component (25 µg/mL) No specific data.
 - : 8500-6762 - Kit Component (125 µg/mL) No specific data.
 - : 8500-6762 - Kit Component (250 µg/mL) No specific data.
 - : 8500-6762 - Kit Component (500 µg/mL) No specific data.
- 10.5 Incompatible materials**
- : 8500-6762 - Kit Component (5 µg/mL) May react or be incompatible with oxidizing materials.
 - : 8500-6762 - Kit Component (25 µg/mL) May react or be incompatible with oxidizing materials.
 - : 8500-6762 - Kit Component (125 µg/mL) May react or be incompatible with oxidizing materials.
 - : 8500-6762 - Kit Component (250 µg/mL) May react or be incompatible with oxidizing materials.
 - : 8500-6762 - Kit Component (500 µg/mL) May react or be incompatible with oxidizing materials.

Section 10. Stability and reactivity

	g/mL)	materials.
10.6 Hazardous decomposition products	: 8500-6762 - Kit Component (5 µg/mL)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	8500-6762 - Kit Component (25 µg/mL)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	8500-6762 - Kit Component (125 µg/mL)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	8500-6762 - Kit Component (250 µg/mL)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	8500-6762 - Kit Component (500 µg/mL)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure	: 8500-6762 - Kit Component (5 µg/mL)	Not available.
	8500-6762 - Kit Component (25 µg/mL)	Not available.
	8500-6762 - Kit Component (125 µg/mL)	Not available.
	8500-6762 - Kit Component (250 µg/mL)	Not available.

Section 11. Toxicological information

8500-6762 - Kit Component (500 µg/mL) Not available.

Potential acute health effects

Eye contact

- : 8500-6762 - Kit Component (5 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (25 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.

Inhalation

- : 8500-6762 - Kit Component (5 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (25 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.

Skin contact

- : 8500-6762 - Kit Component (5 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (25 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.

Ingestion

- : 8500-6762 - Kit Component (5 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (25 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
- 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact

- : 8500-6762 - Kit Component (5 µg/mL) No specific data.
- 8500-6762 - Kit Component (25 µg/mL) No specific data.
- 8500-6762 - Kit Component (125 µg/mL) No specific data.
- 8500-6762 - Kit Component (250 µg/mL) No specific data.
- 8500-6762 - Kit Component (500 µg/mL) No specific data.

Section 11. Toxicological information

- Inhalation** : 8500-6762 - Kit Component (5 µg/ No specific data.
mL)
8500-6762 - Kit Component (25 µg/ No specific data.
mL)
8500-6762 - Kit Component (125 µ No specific data.
g/mL)
8500-6762 - Kit Component (250 µ No specific data.
g/mL)
8500-6762 - Kit Component (500 µ No specific data.
g/mL)
- Skin contact** : 8500-6762 - Kit Component (5 µg/ No specific data.
mL)
8500-6762 - Kit Component (25 µg/ No specific data.
mL)
8500-6762 - Kit Component (125 µ No specific data.
g/mL)
8500-6762 - Kit Component (250 µ No specific data.
g/mL)
8500-6762 - Kit Component (500 µ No specific data.
g/mL)
- Ingestion** : 8500-6762 - Kit Component (5 µg/ No specific data.
mL)
8500-6762 - Kit Component (25 µg/ No specific data.
mL)
8500-6762 - Kit Component (125 µ No specific data.
g/mL)
8500-6762 - Kit Component (250 µ No specific data.
g/mL)
8500-6762 - Kit Component (500 µ No specific data.
g/mL)

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

General : 8500-6762 - Kit Component (5 µg/ No known significant effects or critical hazards.
mL)
8500-6762 - Kit Component (25 µg/ No known significant effects or critical hazards.
mL)
8500-6762 - Kit Component (125 µ No known significant effects or critical hazards.
g/mL)
8500-6762 - Kit Component (250 µ No known significant effects or critical hazards.
g/mL)
8500-6762 - Kit Component (500 µ No known significant effects or critical hazards.
g/mL)

Section 11. Toxicological information

- Carcinogenicity** : 8500-6762 - Kit Component (5 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (25 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.
- Mutagenicity** : 8500-6762 - Kit Component (5 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (25 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.
- Teratogenicity** : 8500-6762 - Kit Component (5 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (25 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.
- Developmental effects** : 8500-6762 - Kit Component (5 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (25 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.
- Fertility effects** : 8500-6762 - Kit Component (5 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (25 µg/ mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (125 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (250 µg/mL) No known significant effects or critical hazards.
 8500-6762 - Kit Component (500 µg/mL) No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

12.5 Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

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

Section 14. Transport information

DOT / TDG / Mexico / IMDG / IATA : Not regulated.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : 8500-6762 - Kit Component (5 µg/mL) Not applicable.
8500-6762 - Kit Component (25 µg/mL) Not applicable.
8500-6762 - Kit Component (125 µg/mL) Not applicable.
8500-6762 - Kit Component (250 µg/mL) Not applicable.
8500-6762 - Kit Component (500 µg/mL) Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

Section 15. Regulatory information

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia	: All components are listed or exempted.
Canada	: All components are listed or exempted.
China	: All components are listed or exempted.
Europe	: All components are listed or exempted.
Japan	: Japan inventory (ENCS) : All components are listed or exempted. Japan inventory (ISHL) : All components are listed or exempted.
Malaysia	: Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Thailand	: <input checked="" type="checkbox"/> Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.
Viet Nam	: <input checked="" type="checkbox"/> Not determined.

Section 16. Other information

History

Date of issue	: 03/01/2018
Date of previous issue	: 02/29/2016
Version	: 7

Procedure used to derive the classification

Classification	Justification
Not classified.	

Indicates information that has changed from previously issued version.

Notice to reader

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