UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue., NW
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 1 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	13048)				
	Sanitizer Study – *Staphylococcus aureus* (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – *Salmonella enteric (ATCC 10708)*	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – Escherichia coil (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Sanitizer Study - Aspergillus niger (ATCC 16404)	48090103	Sanosil International, LLC	OWN	
	Disinfectant Study - Minute virus of mice (ATCC VR 1346)	49180901	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Calcivirus as a Surrogate Virus)	49180902	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Confirmatory Data) (Calcivirus as a Surrogate Virus)	48090102	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study - Proteus mirabilis (ATCC 9240)	48090101	Sanosil International, LLC	OWN	

FOOTNOTES

1. A melting point determination is not applicable since the subject product is a formulated product.
2. A boiling point determination is not applicable since the subject product is a formulated product.
3. A solubility determination is not applicable since the subject product is a formulated product.
4. A vapor pressure determination is not applicable since the subject product is a formulated product.
5. A dissociation constant determination is not applicable since the subject product is a formulated product.
6. A partition coefficient determination is not applicable since the subject product is a formulated product.
7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explodability study is not applicable since the subject product does not contain any explosive ingredients.
10. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
11. A dielectric breakdown voltage study is not applicable since the subject product is not used around electrical equipment.

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

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			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			-------	-------	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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DATA MATRIX

Date **August 30, 2013**	EPA Reg. No./File Symbol : **84126-1**	Page 3 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	

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Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	
Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
830.1550/61-1	Product Identity and Composition	WAIVED	---	---	Footnote 1
830.1600/61-2	Description of the Materials Used to Produce the Product	WAIVED	---	---	Footnote 1
830.1650/61-2	Description of the Manufacturing Process	WAIVED	---	---	Footnote 1
830.1670/61-3	Discussion of Formation of Impurities	WAIVED	---	---	Footnote 1
830.1700/62-1	Preliminary Analysis	WAIVED	---	---	Footnote 1
830.1750/62-2	Certified Limits	WAIVED	---	---	Footnote 1
830.1800/62-3	Enforcement Analytical Method	WAIVED	---	---	Footnote 1
830.6302-830.7950/ 63-2 – 63-21	Physical and Chemical Properties	WAIVED	---	---	Footnote 1
850.1110	Activated sludge sorption	DATA GAP	-----	----	Footnote 2
850.2100/ 71-1	Acute Avian Oral Toxicity – Quail/Duck	00054597 42646701 43312901	Leslie Pool Mart Kanebo USA Mason Chemical	OLD OLD OLD	
850.2200/ 71-2	Acute Dietary Toxicity – Quail/Duck	42646701	Mason Chemical	OLD	
850.2200/ 71-2	Acute Avian Dietary - Duck	WAIVED	---	---	Footnote 1
850.1075/ 72-1	Freshwater Fish Toxicity – Bluegill	WAIVED	---	---	Footnote 1
850.1075/72-1	Fish Toxicity – Rainbow Trout	42650501	Mason Chemical	OLD	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	42650501	Mason Chemical	OLD	

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830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
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830.6316	Explodability	--------	-------	-------	Note 9

Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue., NW
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DATA MATRIX

Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 1 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

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Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 2 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	13048)				
	Sanitizer Study – *Staphylococcus aureus* (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – *Salmonella enteric (ATCC 10708)*	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – Escherichia coil (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Sanitizer Study - Aspergillus niger (ATCC 16404)	48090103	Sanosil International, LLC	OWN	
	Disinfectant Study - Minute virus of mice (ATCC VR 1346)	49180901	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Calcivirus as a Surrogate Virus)	49180902	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Confirmatory Data) (Calcivirus as a Surrogate Virus)	48090102	Sanosil International, LLC	OWN	

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Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 4 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study - Proteus mirabilis (ATCC 9240)	48090101	Sanosil International, LLC	OWN	

FOOTNOTES

1. A melting point determination is not applicable since the subject product is a formulated product.
2. A boiling point determination is not applicable since the subject product is a formulated product.
3. A solubility determination is not applicable since the subject product is a formulated product.
4. A vapor pressure determination is not applicable since the subject product is a formulated product.
5. A dissociation constant determination is not applicable since the subject product is a formulated product.
6. A partition coefficient determination is not applicable since the subject product is a formulated product.
7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explodability study is not applicable since the subject product does not contain any explosive ingredients.
10. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
11. A dielectric breakdown voltage study is not applicable since the subject product is not used around electrical equipment.

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	

Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
850.5300	Algal Toxicity, Tiers 1 and II	Data Gap	---	---	Footnote 2
850.6800	Modified activated sludge respiration inhibition	Data Gap	---	---	Footnote 2
870.1100/81-1	Acute Oral Toxicity	WAIVED	---	---	Footnote 1
870.1200/81-2	Acute Dermal Toxicity	WAIVED	---	---	Footnote 1
870.1300/81-3	Acute Inhalation Toxicity	WAIVED	---	---	Footnote 1
870.2400/81-4	Primary Eye Irritation	WAIVED	---	---	Footnote 1
870.2500/81-5	Primary Dermal Irritation	WAIVED	---	---	Footnote 1
870.2600/81-6	Skin Sensitization	WAIVED	---	---	Footnote 1
870.3465	90-day Inhalation	Data Gap	----	---	Footnote 2
875.1400	Inhalation Exposure - Indoor	Data Gap	----	----	Footnote 2
875.1600	Application Exposure Monitoring	Data Gap	----	----	Footnote 2
875.1700	Product Use Information	Data Gap	----	----	Footnote 2
875.2300	Indoor Surface Residue Dissipation	Data Gap	----	----	Footnote 2
875.2700	Product Use Information	Data Gap	----	----	Footnote 2
875.2900	Data Reporting and Calculations	Data Gap	----	----	Footnote 2
875.3000	Nondietary Ingestion Exposure	Data Gap	----	----	Footnote 2
	Environmental Fate	WAIVED	---	---	Footnote 1

FOOTNOTES

1. These data were waived by EPA in conjunction with the 1993 Silver and Compounds RED.
2. These studies were identified as "Data Gaps" in the Data Call-In (DCI) issued for Silver and Silver Compounds on February 29, 2012. Sanosil has offered to cost-share in the development of these studies with the U.S. Silver Task Force.

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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	
Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
			---	---	
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			-----	----	
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			Mason Chemical	OLD	
			---	---	
			---	---	
			Mason Chemical	OLD	
			Mason Chemical	OLD	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**			Product **Sanosil S010**		
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	
Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
830.1550/61-1	Product Identity and Composition	WAIVED	---	---	Footnote 1
830.1600/61-2	Description of the Materials Used to Produce the Product	WAIVED	---	---	Footnote 1
830.1650/61-2	Description of the Manufacturing Process	WAIVED	---	---	Footnote 1
830.1670/61-3	Discussion of Formation of Impurities	WAIVED	---	---	Footnote 1
830.1700/62-1	Preliminary Analysis	WAIVED	---	---	Footnote 1
830.1750/62-2	Certified Limits	WAIVED	---	---	Footnote 1
830.1800/62-3	Enforcement Analytical Method	WAIVED	---	---	Footnote 1
830.6302-830.7950/ 63-2 – 63-21	Physical and Chemical Properties	WAIVED	---	---	Footnote 1
850.1110	Activated sludge sorption	DATA GAP	-----	----	Footnote 2
850.2100/ 71-1	Acute Avian Oral Toxicity – Quail/Duck	00054597 42646701 43312901	Leslie Pool Mart Kanebo USA Mason Chemical	OLD OLD OLD	
850.2200/ 71-2	Acute Dietary Toxicity – Quail/Duck	42646701	Mason Chemical	OLD	
850.2200/ 71-2	Acute Avian Dietary - Duck	WAIVED	---	---	Footnote 1
850.1075/ 72-1	Freshwater Fish Toxicity – Bluegill	WAIVED	---	---	Footnote 1
850.1075/72-1	Fish Toxicity – Rainbow Trout	42650501	Mason Chemical	OLD	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	42650501	Mason Chemical	OLD	

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

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Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 3 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	13048)				
	Sanitizer Study – *Staphylococcus aureus* (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – *Salmonella enteric (ATCC 10708)*	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – Escherichia coil (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Sanitizer Study - Aspergillus niger (ATCC 16404)	48090103	Sanosil International, LLC	OWN	
	Disinfectant Study - Minute virus of mice (ATCC VR 1346)	49180901	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Calcivirus as a Surrogate Virus)	49180902	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Confirmatory Data) (Calcivirus as a Surrogate Virus)	48090102	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study - Proteus mirabilis (ATCC 9240)	48090101	Sanosil International, LLC	OWN	

FOOTNOTES

1. A melting point determination is not applicable since the subject product is a formulated product.
2. A boiling point determination is not applicable since the subject product is a formulated product.
3. A solubility determination is not applicable since the subject product is a formulated product.
4. A vapor pressure determination is not applicable since the subject product is a formulated product.
5. A dissociation constant determination is not applicable since the subject product is a formulated product.
6. A partition coefficient determination is not applicable since the subject product is a formulated product.
7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explodability study is not applicable since the subject product does not contain any explosive ingredients.
10. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
11. A dielectric breakdown voltage study is not applicable since the subject product is not used around electrical equipment.

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			-------	-------	
			-------	-------	
			Sanosil International, LLC	OWN	
			-------	-------	
			-------	-------	
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			-------	-------	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
			-------	-------	
			-------	-------	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	

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Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**			Product **Sanosil S010**		
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	
Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
830.1550/61-1	Product Identity and Composition	WAIVED	---	---	Footnote 1
830.1600/61-2	Description of the Materials Used to Produce the Product	WAIVED	---	---	Footnote 1
830.1650/61-2	Description of the Manufacturing Process	WAIVED	---	---	Footnote 1
830.1670/61-3	Discussion of Formation of Impurities	WAIVED	---	---	Footnote 1
830.1700/62-1	Preliminary Analysis	WAIVED	---	---	Footnote 1
830.1750/62-2	Certified Limits	WAIVED	---	---	Footnote 1
830.1800/62-3	Enforcement Analytical Method	WAIVED	---	---	Footnote 1
830.6302-830.7950/ 63-2 – 63-21	Physical and Chemical Properties	WAIVED	---	---	Footnote 1
850.1110	Activated sludge sorption	DATA GAP	-----	----	Footnote 2
850.2100/ 71-1	Acute Avian Oral Toxicity – Quail/Duck	00054597 42646701 43312901	Leslie Pool Mart Kanebo USA Mason Chemical	OLD OLD OLD	
850.2200/ 71-2	Acute Dietary Toxicity – Quail/Duck	42646701	Mason Chemical	OLD	
850.2200/ 71-2	Acute Avian Dietary - Duck	WAIVED	---	---	Footnote 1
850.1075/ 72-1	Freshwater Fish Toxicity – Bluegill	WAIVED	---	---	Footnote 1
850.1075/72-1	Fish Toxicity – Rainbow Trout	42650501	Mason Chemical	OLD	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	42650501	Mason Chemical	OLD	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	13048)				
	Sanitizer Study – *Staphylococcus aureus* (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – *Salmonella enteric (ATCC 10708)*	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – Escherichia coil (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Sanitizer Study - Aspergillus niger (ATCC 16404)	48090103	Sanosil International, LLC	OWN	
	Disinfectant Study - Minute virus of mice (ATCC VR 1346)	49180901	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Calcivirus as a Surrogate Virus)	49180902	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Confirmatory Data) (Calcivirus as a Surrogate Virus)	48090102	Sanosil International, LLC	OWN	

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DATA MATRIX

Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 4 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study - Proteus mirabilis (ATCC 9240)	48090101	Sanosil International, LLC	OWN	

FOOTNOTES

1. A melting point determination is not applicable since the subject product is a formulated product.
2. A boiling point determination is not applicable since the subject product is a formulated product.
3. A solubility determination is not applicable since the subject product is a formulated product.
4. A vapor pressure determination is not applicable since the subject product is a formulated product.
5. A dissociation constant determination is not applicable since the subject product is a formulated product.
6. A partition coefficient determination is not applicable since the subject product is a formulated product.
7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explodability study is not applicable since the subject product does not contain any explosive ingredients.
10. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
11. A dielectric breakdown voltage study is not applicable since the subject product is not used around electrical equipment.

Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
850.5300	Algal Toxicity, Tiers 1 and II	Data Gap	---	---	Footnote 2
850.6800	Modified activated sludge respiration inhibition	Data Gap	---	---	Footnote 2
870.1100/81-1	Acute Oral Toxicity	WAIVED	---	---	Footnote 1
870.1200/81-2	Acute Dermal Toxicity	WAIVED	---	---	Footnote 1
870.1300/81-3	Acute Inhalation Toxicity	WAIVED	---	---	Footnote 1
870.2400/81-4	Primary Eye Irritation	WAIVED	---	---	Footnote 1
870.2500/81-5	Primary Dermal Irritation	WAIVED	---	---	Footnote 1
870.2600/81-6	Skin Sensitization	WAIVED	---	---	Footnote 1
870.3465	90-day Inhalation	Data Gap	----	---	Footnote 2
875.1400	Inhalation Exposure - Indoor	Data Gap	----	----	Footnote 2
875.1600	Application Exposure Monitoring	Data Gap	----	----	Footnote 2
875.1700	Product Use Information	Data Gap	----	----	Footnote 2
875.2300	Indoor Surface Residue Dissipation	Data Gap	----	----	Footnote 2
875.2700	Product Use Information	Data Gap	----	----	Footnote 2
875.2900	Data Reporting and Calculations	Data Gap	----	----	Footnote 2
875.3000	Nondietary Ingestion Exposure	Data Gap	----	----	Footnote 2
	Environmental Fate	WAIVED	---	---	Footnote 1

FOOTNOTES

1. These data were waived by EPA in conjunction with the 1993 Silver and Compounds RED.
2. These studies were identified as "Data Gaps" in the Data Call-In (DCI) issued for Silver and Silver Compounds on February 29, 2012. Sanosil has offered to cost-share in the development of these studies with the U.S. Silver Task Force.

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Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
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			Mason Chemical	OLD	
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			---	---	
			Mason Chemical	OLD	
			Mason Chemical	OLD	

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	

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Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
830.1550/61-1	Product Identity and Composition	WAIVED	---	---	Footnote 1
830.1600/61-2	Description of the Materials Used to Produce the Product	WAIVED	---	---	Footnote 1
830.1650/61-2	Description of the Manufacturing Process	WAIVED	---	---	Footnote 1
830.1670/61-3	Discussion of Formation of Impurities	WAIVED	---	---	Footnote 1
830.1700/62-1	Preliminary Analysis	WAIVED	---	---	Footnote 1
830.1750/62-2	Certified Limits	WAIVED	---	---	Footnote 1
830.1800/62-3	Enforcement Analytical Method	WAIVED	---	---	Footnote 1
830.6302-830.7950/ 63-2 – 63-21	Physical and Chemical Properties	WAIVED	---	---	Footnote 1
850.1110	Activated sludge sorption	DATA GAP	-----	----	Footnote 2
850.2100/ 71-1	Acute Avian Oral Toxicity – Quail/Duck	00054597 42646701 43312901	Leslie Pool Mart Kanebo USA Mason Chemical	OLD OLD OLD	
850.2200/ 71-2	Acute Dietary Toxicity – Quail/Duck	42646701	Mason Chemical	OLD	
850.2200/ 71-2	Acute Avian Dietary - Duck	WAIVED	---	---	Footnote 1
850.1075/ 72-1	Freshwater Fish Toxicity – Bluegill	WAIVED	---	---	Footnote 1
850.1075/72-1	Fish Toxicity – Rainbow Trout	42650501	Mason Chemical	OLD	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	42650501	Mason Chemical	OLD	

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	13048)				
	Sanitizer Study – *Staphylococcus aureus* (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – *Salmonella enteric (ATCC 10708)*	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – Escherichia coil (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Sanitizer Study - Aspergillus niger (ATCC 16404)	48090103	Sanosil International, LLC	OWN	
	Disinfectant Study - Minute virus of mice (ATCC VR 1346)	49180901	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Calcivirus as a Surrogate Virus)	49180902	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Confirmatory Data) (Calcivirus as a Surrogate Virus)	48090102	Sanosil International, LLC	OWN	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	

Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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DATA MATRIX

Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 1 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

Signature	Name and Title	Date
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DATA MATRIX

Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 2 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	13048)				
	Sanitizer Study – *Staphylococcus aureus* (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – *Salmonella enteric (ATCC 10708)*	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – Escherichia coil (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Sanitizer Study - Aspergillus niger (ATCC 16404)	48090103	Sanosil International, LLC	OWN	
	Disinfectant Study - Minute virus of mice (ATCC VR 1346)	49180901	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Calcivirus as a Surrogate Virus)	49180902	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Confirmatory Data) (Calcivirus as a Surrogate Virus)	48090102	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study - Proteus mirabilis (ATCC 9240)	48090101	Sanosil International, LLC	OWN	

FOOTNOTES

1. A melting point determination is not applicable since the subject product is a formulated product.
2. A boiling point determination is not applicable since the subject product is a formulated product.
3. A solubility determination is not applicable since the subject product is a formulated product.
4. A vapor pressure determination is not applicable since the subject product is a formulated product.
5. A dissociation constant determination is not applicable since the subject product is a formulated product.
6. A partition coefficient determination is not applicable since the subject product is a formulated product.
7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explodability study is not applicable since the subject product does not contain any explosive ingredients.
10. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
11. A dielectric breakdown voltage study is not applicable since the subject product is not used around electrical equipment.

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
			-------	-------	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 2 of 2
Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	

Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
850.5300	Algal Toxicity, Tiers 1 and II	Data Gap	---	---	Footnote 2
850.6800	Modified activated sludge respiration inhibition	Data Gap	---	---	Footnote 2
870.1100/81-1	Acute Oral Toxicity	WAIVED	---	---	Footnote 1
870.1200/81-2	Acute Dermal Toxicity	WAIVED	---	---	Footnote 1
870.1300/81-3	Acute Inhalation Toxicity	WAIVED	---	---	Footnote 1
870.2400/81-4	Primary Eye Irritation	WAIVED	---	---	Footnote 1
870.2500/81-5	Primary Dermal Irritation	WAIVED	---	---	Footnote 1
870.2600/81-6	Skin Sensitization	WAIVED	---	---	Footnote 1
870.3465	90-day Inhalation	Data Gap	----	---	Footnote 2
875.1400	Inhalation Exposure - Indoor	Data Gap	----	----	Footnote 2
875.1600	Application Exposure Monitoring	Data Gap	----	----	Footnote 2
875.1700	Product Use Information	Data Gap	----	----	Footnote 2
875.2300	Indoor Surface Residue Dissipation	Data Gap	----	----	Footnote 2
875.2700	Product Use Information	Data Gap	----	----	Footnote 2
875.2900	Data Reporting and Calculations	Data Gap	----	----	Footnote 2
875.3000	Nondietary Ingestion Exposure	Data Gap	----	----	Footnote 2
	Environmental Fate	WAIVED	---	---	Footnote 1

FOOTNOTES

1. These data were waived by EPA in conjunction with the 1993 Silver and Compounds RED.
2. These studies were identified as "Data Gaps" in the Data Call-In (DCI) issued for Silver and Silver Compounds on February 29, 2012. Sanosil has offered to cost-share in the development of these studies with the U.S. Silver Task Force.

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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	
Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
			---	---	
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			Mason Chemical	OLD	
			---	---	
			---	---	
			Mason Chemical	OLD	
			Mason Chemical	OLD	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**			Product **Sanosil S010**		
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	

Signature	Name and Title	Date
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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	
Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
830.1550/61-1	Product Identity and Composition	WAIVED	---	---	Footnote 1
830.1600/61-2	Description of the Materials Used to Produce the Product	WAIVED	---	---	Footnote 1
830.1650/61-2	Description of the Manufacturing Process	WAIVED	---	---	Footnote 1
830.1670/61-3	Discussion of Formation of Impurities	WAIVED	---	---	Footnote 1
830.1700/62-1	Preliminary Analysis	WAIVED	---	---	Footnote 1
830.1750/62-2	Certified Limits	WAIVED	---	---	Footnote 1
830.1800/62-3	Enforcement Analytical Method	WAIVED	---	---	Footnote 1
830.6302-830.7950/ 63-2 – 63-21	Physical and Chemical Properties	WAIVED	---	---	Footnote 1
850.1110	Activated sludge sorption	DATA GAP	-----	----	Footnote 2
850.2100/ 71-1	Acute Avian Oral Toxicity – Quail/Duck	00054597 42646701 43312901	Leslie Pool Mart Kanebo USA Mason Chemical	OLD OLD OLD	
850.2200/ 71-2	Acute Dietary Toxicity – Quail/Duck	42646701	Mason Chemical	OLD	
850.2200/ 71-2	Acute Avian Dietary - Duck	WAIVED	---	---	Footnote 1
850.1075/ 72-1	Freshwater Fish Toxicity – Bluegill	WAIVED	---	---	Footnote 1
850.1075/72-1	Fish Toxicity – Rainbow Trout	42650501	Mason Chemical	OLD	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	42650501	Mason Chemical	OLD	

Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil International, LLC**	**August 30, 2013**

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DATA MATRIX

Date **August 30, 2013**	EPA Reg. No./File Symbol : **84526-1**	Page 1 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	

Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	13048)				
	Sanitizer Study – *Staphylococcus aureus* (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – *Salmonella enteric (ATCC 10708)*	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – Escherichia coil (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Sanitizer Study - Aspergillus niger (ATCC 16404)	48090103	Sanosil International, LLC	OWN	
	Disinfectant Study - Minute virus of mice (ATCC VR 1346)	49180901	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Calcivirus as a Surrogate Virus)	49180902	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Confirmatory Data) (Calcivirus as a Surrogate Virus)	48090102	Sanosil International, LLC	OWN	

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Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**	Product **Sanosil S010**	
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study - Proteus mirabilis (ATCC 9240)	48090101	Sanosil International, LLC	OWN	

FOOTNOTES

1. A melting point determination is not applicable since the subject product is a formulated product.
2. A boiling point determination is not applicable since the subject product is a formulated product.
3. A solubility determination is not applicable since the subject product is a formulated product.
4. A vapor pressure determination is not applicable since the subject product is a formulated product.
5. A dissociation constant determination is not applicable since the subject product is a formulated product.
6. A partition coefficient determination is not applicable since the subject product is a formulated product.
7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explodability study is not applicable since the subject product does not contain any explosive ingredients.
10. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
11. A dielectric breakdown voltage study is not applicable since the subject product is not used around electrical equipment.

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			-------	-------	
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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study - Proteus mirabilis (ATCC 9240)	48090101	Sanosil International, LLC	OWN	

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
850.5300	Algal Toxicity, Tiers 1 and II	Data Gap	---	---	Footnote 2
850.6800	Modified activated sludge respiration inhibition	Data Gap	---	---	Footnote 2
870.1100/81-1	Acute Oral Toxicity	WAIVED	---	---	Footnote 1
870.1200/81-2	Acute Dermal Toxicity	WAIVED	---	---	Footnote 1
870.1300/81-3	Acute Inhalation Toxicity	WAIVED	---	---	Footnote 1
870.2400/81-4	Primary Eye Irritation	WAIVED	---	---	Footnote 1
870.2500/81-5	Primary Dermal Irritation	WAIVED	---	---	Footnote 1
870.2600/81-6	Skin Sensitization	WAIVED	---	---	Footnote 1
870.3465	90-day Inhalation	Data Gap	----	---	Footnote 2
875.1400	Inhalation Exposure - Indoor	Data Gap	----	----	Footnote 2
875.1600	Application Exposure Monitoring	Data Gap	----	----	Footnote 2
875.1700	Product Use Information	Data Gap	----	----	Footnote 2
875.2300	Indoor Surface Residue Dissipation	Data Gap	----	----	Footnote 2
875.2700	Product Use Information	Data Gap	----	----	Footnote 2
875.2900	Data Reporting and Calculations	Data Gap	----	----	Footnote 2
875.3000	Nondietary Ingestion Exposure	Data Gap	----	----	Footnote 2
	Environmental Fate	WAIVED	---	---	Footnote 1

FOOTNOTES

1. These data were waived by EPA in conjunction with the 1993 Silver and Compounds RED.
2. These studies were identified as "Data Gaps" in the Data Call-In (DCI) issued for Silver and Silver Compounds on February 29, 2012. Sanosil has offered to cost-share in the development of these studies with the U.S. Silver Task Force.

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Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
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			Leslie Pool Mart Kanebo USA Mason Chemical	OLD OLD OLD	
			Mason Chemical	OLD	
			---	---	
			---	---	
			Mason Chemical	OLD	
			Mason Chemical	OLD	

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WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date **August 30, 2013**			EPA Reg. No./File Symbol : **84526-1**		Page 4 of 4
Applicant's/Registrant's Name & Address: **Sanosil International LLC, 91 Lukens Drive, New Castle, Delaware 19720**			Product **Sanosil S010**		
Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	

Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil**	**August 30, 2013**

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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	
Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
		GENERIC DATA			
830.1550/61-1	Product Identity and Composition	WAIVED	---	---	Footnote 1
830.1600/61-2	Description of the Materials Used to Produce the Product	WAIVED	---	---	Footnote 1
830.1650/61-2	Description of the Manufacturing Process	WAIVED	---	---	Footnote 1
830.1670/61-3	Discussion of Formation of Impurities	WAIVED	---	---	Footnote 1
830.1700/62-1	Preliminary Analysis	WAIVED	---	---	Footnote 1
830.1750/62-2	Certified Limits	WAIVED	---	---	Footnote 1
830.1800/62-3	Enforcement Analytical Method	WAIVED	---	---	Footnote 1
830.6302-830.7950/ 63-2 – 63-21	Physical and Chemical Properties	WAIVED	---	---	Footnote 1
850.1110	Activated sludge sorption	DATA GAP	-----	----	Footnote 2
850.2100/ 71-1	Acute Avian Oral Toxicity – Quail/Duck	00054597 42646701 43312901	Leslie Pool Mart Kanebo USA Mason Chemical	OLD OLD OLD	
850.2200/ 71-2	Acute Dietary Toxicity – Quail/Duck	42646701	Mason Chemical	OLD	
850.2200/ 71-2	Acute Avian Dietary - Duck	WAIVED	---	---	Footnote 1
850.1075/ 72-1	Freshwater Fish Toxicity – Bluegill	WAIVED	---	---	Footnote 1
850.1075/72-1	Fish Toxicity – Rainbow Trout	42650501	Mason Chemical	OLD	
850.1010/ 72-2	Acute Toxicity to Freshwater Invertebrates	42650501	Mason Chemical	OLD	

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	Product Identity and Composition	47186201	Sanosil International, LLC	OWN	
830.1600	Description of the Materials Used to Produce the Product	47186201	Sanosil International, LLC	OWN	
830.1650	Description of the Formulation Process	47186201	Sanosil International, LLC	OWN	
830.1670	Discussion of Formation of Impurities	47186201		OWN	
830.1700	Preliminary Analysis	47186201	Sanosil International, LLC	OWN	
830.1750	Certified Limits	47186201	Sanosil International, LLC	OWN	
830.1800	Enforcement Analytical Method	47186201	Sanosil International, LLC	OWN	
830.6302	Color	47186202	Sanosil International, LLC	OWN	
830.6303	Physical State	47186202	Sanosil International, LLC	OWN	
830.6304	Odor	47186202	Sanosil International, LLC	OWN	
830.7200	Melting Point	-------	-------	-------	Note 1
830.7220	Boiling Point	-------	-------	-------	Note 2
830.7300	Density, Bulk Density, Specific Gravity	47186202	Sanosil International, LLC	OWN	
830.7840	Solubility (Column elution/shake flask)	-------	-------	-------	Note 3
830.7950	Vapor Pressure	-------	-------	-------	Note 4
830.7370	Dissociation Constant	-------	-------	-------	Note 5
830.7550	Partition Coefficient (shake flask)	-------	-------	--------	Note 6
830.7000	pH	47186202	Sanosil International, LLC	OWN	
830.6313	Stability	-------	-------	-------	Note 7
830.6314	Oxidizing/Reducing Reaction	47186202	Sanosil International, LLC	OWN	
830.6315	Flammability	-------	-------	--------	Note 8
830.6316	Explodability	--------	-------	-------	Note 9

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	48656501	Sanosil International, LLC	OWN	
830.7100	Viscosity	47186202	Sanosil International, LLC	OWN	
830.6319	Miscibility	-------	-------	-------	Note 10
830.6320	Corrosion Characteristics	48656501	Sanosil International, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	-------	-------	-------	Note 11
830.7520	Particle Size	48944101	Sanosil International, LLC	OWN	
ACUTE TOXICOLOGY					
81-1	Acute Oral Toxicity - Rat	47816203	Sanosil International, LLC	OWN	
81-2	Acute Dermal Toxicity	47816204	Sanosil International, LLC	OWN	
81-3	Acute Inhalation Toxicity - Rat	47261601	Sanosil International, LLC	OWN	
81-4	Primary Eye Irritation - Rabbit	47186206	Sanosil International, LLC	OWN	
81-5	Primary Dermal Irritation	47186207	Sanosil International, LLC	OWN	
81-6	Dermal Sensitization	47205501	Sanosil International, LLC	OWN	
EFFICACY					
810.2100	Disinfection Study – Salmonella enterica *(ATCC 10708)*	47186209	Sanosil International, LLC	OWN	
	Disinfection Study – Pseudomonas aeruginosa *(ATCC 15442)*	47186210 48481101	Sanosil International, LLC	OWN	
	Disinfection Study – Staphylococcus aureus *(ATCC 6538)*	47186211 48481102	Sanosil International, LLC	OWN	
	Disinfectant Study – Staphylococcus aureus (MRSA) (ATCC 33592)	47186212	Sanosil International, LLC	OWN	
	Sanitizer Study – *Staphylococcus aureus* (ATCC 6538) and *Enterobacter aerogenes* (ATCC	47186213	Sanosil International, LLC	OWN	

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	13048)				
	Sanitizer Study – *Staphylococcus aureus* (MRSA) (ATCC 33592)	47186214	Sanosil International, LLC	OWN	
	Sanitizer Study – *Salmonella enteric (ATCC 10708)*	47186215	Sanosil International, LLC	OWN	
	Virucidal – Influenza A Virus (ATCC VR-544)	47296501	Sanosil International, LLC	OWN	
	Virucidal – Influenza A (H5N1) Virus (CDC #2006719965)	47296502	Sanosil International, LLC	OWN	
	Disinfection Study – Escherichia coil (ATCC 11229)	47296503	Sanosil International, LLC	OWN	
	Virucidal Study – Rhinovirus Type 37 (ATCC VR-1147)	47296504	Sanosil International, LLC	OWN	
	Virucidal Study – HIV Type 1	47296505	Sanosil International, LLC	OWN	
	Fungicidal Study – Trichophyton mentagrophytes (ATCC 9533)	47758508	Sanosil International, LLC	OWN	
	Sanitizer Study - Aspergillus niger (ATCC 16404)	48090103	Sanosil International, LLC	OWN	
	Disinfectant Study - Minute virus of mice (ATCC VR 1346)	49180901	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Calcivirus as a Surrogate Virus)	49180902	Sanosil International, LLC	OWN	
	Disinfectant Study - Norovirus (Confirmatory Data) (Calcivirus as a Surrogate Virus)	48090102	Sanosil International, LLC	OWN	

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Ingredients: Hydrogen Peroxide and Silver (from silver nitrate)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Sanitizer Study - Proteus mirabilis (ATCC 9240)	48090101	Sanosil International, LLC	OWN	

FOOTNOTES

1. A melting point determination is not applicable since the subject product is a formulated product.
2. A boiling point determination is not applicable since the subject product is a formulated product.
3. A solubility determination is not applicable since the subject product is a formulated product.
4. A vapor pressure determination is not applicable since the subject product is a formulated product.
5. A dissociation constant determination is not applicable since the subject product is a formulated product.
6. A partition coefficient determination is not applicable since the subject product is a formulated product.
7. A stability determination is not applicable since the subject product is a formulated product.
8. A flammability study is not applicable since the subject product does not contain any flammable components.
9. An explodability study is not applicable since the subject product does not contain any explosive ingredients.
10. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.
11. A dielectric breakdown voltage study is not applicable since the subject product is not used around electrical equipment.

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			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
				OWN	
			Sanosil International, LLC	OWN	
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			Sanosil International, LLC	OWN	
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Sanosil International, LLC	OWN	
			Sanosil International, LLC	OWN	
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Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
850.5300	Algal Toxicity, Tiers 1 and II	Data Gap	---	---	Footnote 2
850.6800	Modified activated sludge respiration inhibition	Data Gap	---	---	Footnote 2
870.1100/81-1	Acute Oral Toxicity	WAIVED	---	---	Footnote 1
870.1200/81-2	Acute Dermal Toxicity	WAIVED	---	---	Footnote 1
870.1300/81-3	Acute Inhalation Toxicity	WAIVED	---	---	Footnote 1
870.2400/81-4	Primary Eye Irritation	WAIVED	---	---	Footnote 1
870.2500/81-5	Primary Dermal Irritation	WAIVED	---	---	Footnote 1
870.2600/81-6	Skin Sensitization	WAIVED	---	---	Footnote 1
870.3465	90-day Inhalation	Data Gap	----	---	Footnote 2
875.1400	Inhalation Exposure - Indoor	Data Gap	----	----	Footnote 2
875.1600	Application Exposure Monitoring	Data Gap	----	----	Footnote 2
875.1700	Product Use Information	Data Gap	----	----	Footnote 2
875.2300	Indoor Surface Residue Dissipation	Data Gap	----	----	Footnote 2
875.2700	Product Use Information	Data Gap	----	----	Footnote 2
875.2900	Data Reporting and Calculations	Data Gap	----	----	Footnote 2
875.3000	Nondietary Ingestion Exposure	Data Gap	----	----	Footnote 2
	Environmental Fate	WAIVED	---	---	Footnote 1

FOOTNOTES

1. These data were waived by EPA in conjunction with the 1993 Silver and Compounds RED.
2. These studies were identified as "Data Gaps" in the Data Call-In (DCI) issued for Silver and Silver Compounds on February 29, 2012. Sanosil has offered to cost-share in the development of these studies with the U.S. Silver Task Force.

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			Mason Chemical	OLD	
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			Mason Chemical	OLD	
			Mason Chemical	OLD	

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870.1300/81-3	Acute Inhalation Toxicity	WAIVED	---	---	Footnote 1
870.2400/81-4	Primary Eye Irritation	WAIVED	---	---	Footnote 1
870.2500/81-5	Primary Dermal Irritation	WAIVED	---	---	Footnote 1
870.2600/81-6	Skin Sensitization	WAIVED	---	---	Footnote 1
870.3465	90-day Inhalation	Data Gap	----	---	Footnote 2
875.1400	Inhalation Exposure - Indoor	Data Gap	----	----	Footnote 2
875.1600	Application Exposure Monitoring	Data Gap	----	----	Footnote 2
875.1700	Product Use Information	Data Gap	----	----	Footnote 2
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			Leslie Pool Mart Kanebo USA Mason Chemical	OLD OLD OLD	
			Mason Chemical	OLD	
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			Mason Chemical	OLD	
			Mason Chemical	OLD	

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Applicant's/Registrant's Name & Address: **Sanosil International, LLC, 91 Lukens Drive, New Castle, DE 19720**	Product **Sanosil S010**	
Ingredients: **Hydrogen Peroxide and Silver (from silver nitrate)**		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Footnote
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Signature	Name and Title	Date
Georgia Anastasiou	**Georgia Anastasiou, Agent for Sanosil International, LLC**	**August 30, 2013**