Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: December 27, 2007 | **EPA Reg. No./File Symbol: 70144-2** | **Page 1 of 4**

Applicant's/Registrant's Name and Address: Micro-Scientific Industries, Inc.
c/o RegWest Company, LLC; 30856 Rocky Road; Greeley, CO 80631-9375

Product Name:
Opti-Cide-3 Wipes

Ingredients: n-Alkyl (*) dimethyl benzyl ammonium chloride (CAS Number 53516-76-0) @ 0.154% and n-Alkyl (**) dimethyl ethylbenzyl ammonium chloride (CAS Number 85409-23-0) @ 0.154% [*=60% C14, 30% C16, 5% C12, 5% C18; **=68% C12, 32% C14]

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
Group A: Series 830 – Product Identity, Composition and Analysis Test Guidelines					
830.1550	Product identity and composition	437502-01 435305-01	Burnishine Products Burnishine Products	FOR* FOR*	
830.1600	Description of materials used to produce the product	437502-01 435305-01	Burnishine Products Burnishine Products	FOR* FOR*	
830.1620	Description of production process	437502-01 435305-01	Burnishine Products Burnishine Products	FOR* FOR*	
830.1650	Description of formulation process	437502-01 435305-01	Burnishine Products Burnishine Products	FOR* FOR*	
830.1670	Discussion of formation of impurities	437502-01 435305-01	Burnishine Products Burnishine Products	FOR* FOR*	
830.1700	Preliminary analysis				1
830.1750	Certified limits	437502-01 435305-01	Burnishine Products Burnishine Products	FOR* FOR*	
830.1800	Enforcement analytical method	437502-01 435305-01	Burnishine Products Burnishine Products	FOR* FOR*	
830.1900	Submittal of samples				2
Group B: Series 830 – Physical and Chemical Properties					
830.6302	Color	435305-01	Burnishine Products	FOR*	
830.6303	Physical state	435305-01	Burnishine Products	FOR*	
830.6304	Odor	435305-01	Burnishine Products	FOR*	
830.6313	Stability (sunlight, temperatures, metals and ions)				3
830.6314	Oxidation/reduction: chemical compatibility	435305-01	Burnishine Products	FOR*	
830.6315	Flammability/flame extension	435305-01	Burnishine Products	FOR*	
830.6316	Explodability				1
830.6317	Storage stability of product	434921-01 434921-02	Burnishine Products Burnishine Products	FOR* FOR*	

Signature:

Name and Title:

Kim Davis, CC, APC, Manager **Consultant/Agent**

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Applicant's/Registrant's Name and Address: Micro-Scientific Industries, Inc. **c/o RegWest Company, LLC; 30856 Rocky Road; Greeley, CO 80631-9375**	**Product Name:** **Opti-Cide-3 Wipes**	

Ingredients: n-Alkyl (*) dimethyl benzyl ammonium chloride (CAS Number 53516-76-0) @ 0.154% and n-Alkyl (**) dimethyl ethylbenzyl ammonium chloride (CAS Number 85409-23-0) @ 0.154% [*=60% C14, 30% C16, 5% C12, 5% C18; **=68% C12, 32% C14]

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
Group B: Series 830 – Physical and Chemical Properties (Continued)					
830.6319	Miscibility				1
830.6320	Corrosion characteristics	435305-01	Burnishine Products	FOR*	
830.6321	Dielectric breakdown voltage				1
830.7000	pH	434921-01 434921-02	Burnishine Products Burnishine Products	FOR* FOR*	
830.7050	UV/visible absorption				3
830.7100	Viscosity	434921-02	Burnishine Products	FOR*	
830.7200	Melting point/melting range				3
830.7220	Boiling point/boiling range				3
830.7300	Density/relative density/bulk density	434921-02	Burnishine Products	FOR*	
830.7370	Dissociation constant				3
830.7520	Particle size, fiber strength, diameter distribution				3
830.7550	Partition coefficient (n-Octanol/H2O) shake flask method				3
830.7560	Partition coefficient (n-Octanol/H2O) generator column method				3
830.7570	Partition coefficient (n-Octanol/H2O) estimation by liquid chromatograph				3
830.7840	Water solubility: column elution/shake flash methods				3
830.7860	Water solubility: generator column method				3
830.7950	Vapor pressure				3
40 CFR § 158.340: Toxicology Data Requirements					
870.1100	Acute oral toxicity – rat	434921-03	Burnishine Products	FOR*	
870.1200	Acute dermal toxicity	434921-04	Burnishine Products	FOR*	
870.1300	Acute inhalation toxicity	440857-01 451557-01	Burnishine Products Burnishine Products	FOR* FOR*	
870.2400	Primary eye irritation	434921-06	Burnishine Products	FOR*	
870.2500	Primary dermal irritation	434921-05	Burnishine Products	FOR*	

Signature:	**Name and Title:** **Kim Davis, CC, APC, Manager Consultant/Agent**

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
40 CFR § 158.340: Toxicology Data Requirements (continued)					
870.2600	Dermal sensitization	434921-07	Burnishine Products	FOR*	
	Dermal sensitization with positive control data	443415-01	Burnishine Products	FOR*	
40 CFR § 158.640: Product Performance Data Requirements					
810.2100	Germicidal Spray Test (*P. aeruginosa, S. choleraesuis, S. aureus*)	458274-01	Micro-Scientific Industries	OWN	
	Bovine Viral Diarrhea Virus (Hepatitis C)	458274-02	Micro-Scientific Industries	OWN	
	Confirmatory Bovine Viral Diarrhea Virus (Hepatitis C)	458274-03	Micro-Scientific Industries	OWN	
	Virucidal Effectiveness Test Using DHBV	458274-04	Micro-Scientific Industries	OWN	
	Confirmatory Virucidal Effectiveness Test Using DHBV	458274-05	Micro-Scientific Industries	OWN	
	Mycobacterium bovis BCG	458274-06	Micro-Scientific Industries	OWN	
	Trichophyton mentagrophytes	458640-01	Micro-Scientific Industries	OWN	
	M. bovis BCG	403839-02	Burnishine Products	FOR*	4
	Polio 1 Virus	405290-01	Burnishine Products	FOR*	4
	HIV-1 (AIDS Virus)	405560-01	Burnishine Products	FOR*	4
	Polio 1 Virus, *S. aureus, S. choleraesuis, P. aeruginosa*	407493-01	Burnishine Products	FOR*	4
	Influenza A2/HK, Herpes Simplex Type II	407493-03	Burnishine Products	FOR*	4
	Herpes Simplex Type II	00164473	Burnishine Products	FOR*	4
	Rhinovirus	415267-02	Burnishine Products	FOR*	4
	Confirmatory (*S. aeruginosa, S. aureus, S. choleraesuis*)	461461-01	Micro-Scientific Industries	OWN	
	Clostridium difficile	461778-01	Micro-Scientific Industries	OWN	
	Germicidal Spray Test (*P. aeruginosa, S. choleraesuis, S. aureus)*	462510-01	Micro-Scientific Industries	OWN	
	Confirmatory *Mycobacterium bovis*, BCG (Supp. 458274-06)	463713-01	Micro-Scientific Industries	OWN	
	Clostridium difficile (Supplement to 461778-01)	463713-02	Micro-Scientific Industries	OWN	
	Trichophyton mentagrophytes (Supplement to 458640-01)	463713-03	Micro-Scientific Industries	OWN	
	S. aureus (MRSA), *E. faecium* (VRE)	463713-04	Micro-Scientific Industries	OWN	

Signature:

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Ingredients: n-Alkyl (*) dimethyl benzyl ammonium chloride (CAS Number 53516-76-0) @ 0.154% and n-Alkyl (**) dimethyl ethylbenzyl ammonium chloride (CAS Number 85409-23-0) @ 0.154% [*=60% C14, 30% C16, 5% C12, 5% C18; **=68% C12, 32% C14]

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
40 CFR § 158.640: Product Performance Data Requirements (continued)					
810.2100	Bovine Viral Diarrhea Virus (Hepatitis C) (Supp. 458274-02)	463713-05	Micro-Scientific Industries	OWN	
	Confirmatory BVDV (Hepatitis C) (Supplement to 458274-03)	463713-06	Micro-Scientific Industries	OWN	
	Initial Tuberculocidal Activity (Supplement to 458274-06)	463945-01	Micro-Scientific Industries	OWN	
	Validation Tuberculocidal Activity (Supplement to 463713-01)	463945-02	Micro-Scientific Industries	OWN	
	Acinetobacter baumanii	469028-01	Micro-Scientific Industries	OWN	
	Rotavirus	469028-02	Micro-Scientific Industries	OWN	
	Avian Influenza A (H3N2) virus	469232-01	Micro-Scientific Industries	OWN	
	Bordetella bronchiseptica	469232-02	Micro-Scientific Industries	OWN	
	Infectious Bovine Rhinotracheitis virus	469232-03	Micro-Scientific Industries	OWN	
	S. aureus, S. choleraesuis and *P. aeruginosa* (wipes)	469295-01	Micro-Scientific Industries	OWN	
	Tuberculosis bovis, BCG		Micro-Scientific Industries	OWN	
	Confirmatory *Tuberculosis bovis*, BCG		Micro-Scientific Industries	OWN	

Notes

1. Waived per EPA	3. N/A: Product is an EP
2. Submitted upon Agency request	4. Test substance was EPA Reg. No. 1130-6
	FOR* = This product is a 100% repack of EPA Reg. No. 1130-15

Signature:	**Name and Title:** **Kim Davis, CC, APC, Manager Consultant/Agent**