



MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name: Botanical Disinfecting Multi-Surface Cleaner

Manufacturer's Name: Seventh Generation, Inc.

Address: 60 Lake Street, Burlington, VT 05401, USA

Emergency Telephone Number (U.S., Canada):

M-F 9 am - 4 pm ET (except holidays): 1-800-456-1191

Outside these hours: 1-800-255-3924 (ChemTel)

Product Use:

Hard Surface Disinfecting and Cleaning

SECTION II: HEALTH HAZARD DATA

Emergency Overview: No known health hazards.

Potential Health Effects:

Eyes: Minimal eye irritant category IV

Skin: Slight dermal irritant category IV. Non-sensitizer.

Inhalation: No health effects are expected.

Ingestion: May cause transient gastrointestinal irritation.

SECTION III: PRODUCT INGREDIENTS

Ingredient Name	Concentration %	CAS Number	Exposure Limits	Toxicity Data LD ₅₀ (oral, rat)
Active Ingredient:				
thymol (a component of thyme oil)	0.05	8007-46-3	NAV	4700 mg/kg
Other ingredients:				
aqua (water)	30-100	7732-18-5	NAV	NAV
sodium lauryl sulfate	≤1	151-21-3	NAV	>500-5000 mg/kg
copper sulfate pentahydrate (bluestone)	≤1	NAV	NAV	NAV
citric acid	≤1	77-92-9	NAV	3000 mg/kg
sodium citrate	≤1	68-04-2	NAV	>8000 mg/kg
origanum vulgare (oregano) oil	≤1	NAV	NAV	NAV
cymbopogon nardus (citronella) oil	≤1	NAV	NAV	NAV
cymbopogon schoenanthus (lemongrass) oil	≤1	8007-02-1	NAV	>5000 mg/kg

Citral is a component of this formula.

SECTION IV: FIRST AID MEASURES

First Aid Procedures:

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a doctor or poison control center for treatment advice.

Skin: Rinse thoroughly with water. Call a physician if irritation persists.

Inhalation: No need for first aid is expected.

Ingestion: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a doctor or poison control center. Do not give anything to an unconscious person.

SECTION V: FIRE FIGHTING MEASURES

Flash Point (°C) and Method: Non flammable.

Extinguishing Media: As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.

Special Procedures: Fire fighters should wear self contained breathing apparatus as for surrounding fire.

SECTION VI: ACCIDENTAL RELEASE MEASURES



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Small or household Quantities: Spills and leaks may be cleaned up and disposed of in normal household trash.	
Spill and Leak Precautions:	Large (industrial) release: Before attempting clean up, refer to hazard data given. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent extremely large spills from entering sewers or waterways.
SECTION VII: HANDLING, DISPOSAL & STORAGE	
Handling Procedures and Equipment:	No unusual precautions necessary.
Waste Disposal:	Any disposal practice must be in compliance with local, state, and federal laws and regulations. Recycle empty container.
Storage Procedures:	Nonrefillable container. Store airtight at room temperature. KEEP OUT OF REACH OF CHILDREN & PETS.
Personal Protective Equipment:	Not Applicable.
Engineering Controls:	Not Applicable.
SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES	
Physical State:	Liquid.
Appearance & Color:	Clear Colorless (water-white)
pH: (100%)	4 - 5
Specific Gravity:	0.98 - 1.02
Solubility in Water:	Miscible.
Odor Threshold Limit:	Not Applicable.
SECTION IX: STABILITY & REACTIVITY	
Chemical Stability:	☒ Stable ☐ Unstable under the following conditions:
Incompatible Materials:	None known.
Hazardous Decomposition Products:	None known.
Possibility of Hazardous Reactions:	None known.
SECTION X: TOXICOLOGICAL INFORMATION	
Route(s) of Entry:	☒ Skin Contact ☐ Skin Absorption ☒ Eye Contact ☐ Inhalation, Acute ☐ Inhalation, Chronic ☒ Ingestion
Effects of Acute Exposure to Product:	Acute exposure may result in eye irritation, however no permanent damage is expected.
Effects of Chronic Exposure to Product:	NAP
LD ₅₀ (oral) of Product (mg/kg) (based on ingredients):	>5000
LD ₅₀ (dermal) of Product (mg/kg) (based on ingredients):	>5000
Inhalation Toxicity (mg/L) (based on ingredients):	>2
Chronic Toxicities:	☐ Carcinogenic ☐ Reproductive Toxin ☐ Teratogenic ☐ Mutagenic ☒ None
SECTION XI: ECOLOGICAL INFORMATION	
Ecotoxicity: LC ₅₀ of Product:	Not yet known.
Environmental Fate:	No adverse effects expected.
SECTION XII: TRANSPORTATION INFORMATION	
DOT: Not regulated.	
TDG: Not regulated.	
SECTION XIII: REGULATORY INFORMATION	
Regulatory Class	Registered Product - EPA # 84683-3-86066
Toxic Substances Control Act (TSCA)	All ingredients are listed or exempt from listing on the Chemical Substance Inventory.
California Proposition 65	No ingredients listed.
SARA Section 313	No ingredients listed.
SECTION XIV: OTHER INFORMATION	
HMIS Classification	☐ Health ☐ Flammability ☐ Physical Hazards ☐ A ☐ PPE
SECTION XV: PREPARATION INFORMATION	



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Additional Information: The information in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any process.

Sources Used: General MSDS chemical references.

Prepared by	Telephone Number	Issue Date
Seventh Generation, Inc.	800-456-1191	15-Mar-2013

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