

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name: Automatic Dishwasher Gel

Manufacturer's Name: Seventh Generation, Inc.

Address: 60 Lake Street, Burlington, VT 05401-5281

Emergency Telephone Number: 800-456-1191

Product Use: Automatic Dishwashing

SECTION II: HEALTH HAZARD DATA

Emergency Overview: No known health hazards.

Potential Health Effects:

Eyes- Minimal Irritant

Skin- Non-Irritant

Inhalation- Unknown

Ingestion- Non-Toxic

SECTION III: PRODUCT INGREDIENTS

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD ₅₀ (oral, rat)
Aqua (water)	30-100	7732-18-5	NAV	NAV
Sodium Silicate	3-10	1344-09-8	NAV	1,280 mg/kg
PPG-10-Laureth-7	3-10	68439-51-0	NAV	>2,000 mg/kg
Sodium Citrate	3-10	68-04-2	NAV	3,000 mg/kg
Glycerin	1-10	56-81-5	NAV	>12,000 mg/kg
Citric Acid	1-10	77-92-9	NAP	3,000 mg/kg
Sodium Borate	1-10	1303-96-4	NAV	>6,000 mg/kg
Calcium Chloride	0.1-1	10043-52-4	NAP	1,000 mg/kg
Xanthum Gum	0.1-1	11138-66-2	10 mg/cu.m.	>45,000 mg/kg
Protease	0.1-1	9014-01-1	NAV	>5,000 mg/kg
Amylase	0.1-1	9000-90-2	NAV	>2,000 mg/kg
Sodium Hydroxide	0.01-1	1310-73-2	NAP	1,350 mg/kg (rabbit)
*Whole Essential Oils	0.01-1	NAV	NAV	NAV
Preservative System Components:	0.01-1		NAV	>2,500 mg/kg
Methylisothiazolinone		2682-20-4		
Benzisothiazolinone		2634-33-5		

Free & Clear: Not Applicable

***Lemon:** medica limonum peel (lemon) and citrus aurantifolia (lime). d-Limonene is a component of these essential oils.

SECTION IV: FIRST AID MEASURES

First Aid Procedures:

Eyes- Flush eyes with water immediately after contact. Contact a physician if irritation persists.

Skin- Not Applicable

Inhalation- Not Applicable.

Ingestion- Drink 4-8 ounces of water or milk immediately. If prolonged nausea or pain occurs call a doctor.

SECTION V: FIRE FIGHTING MEASURES

Flash Point (°C) and Method: Not Applicable

Extinguishing Media: Not Applicable

Special Procedures: None

SECTION VI: ACCIDENTAL RELEASE MEASURES

Spill and Leak Precautions: Absorb the spill with a paper towel.

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.

Storage Procedures: KEEP OUT OF REACH OF CHILDREN & PETS.

Personal Protective Equipment: Not Applicable

Engineering Controls: Not Applicable

Automatic Dishwasher Gel

SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES		
Physical State: Liquid		
Color & Appearance: Viscous, milky white liquid		
pH: 7.2-7.8		
Specific Gravity: Approximately 11.4		
Solubility in Water: Miscible		
Percent Volatiles: ≤0.5%		
Density (g/cc): 1.14		
Odor Threshold Limit: Not Applicable		
SECTION IX: STABILITY & REACTIVITY		
Chemical Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> 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: <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation, Acute <input type="checkbox"/> Inhalation, Chronic <input checked="" type="checkbox"/> 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 of Product: >5000mg/kg		
Chronic Toxicities: <input type="checkbox"/> Carcinogenic <input type="checkbox"/> Reproductive Toxin <input type="checkbox"/> Teratogenic <input type="checkbox"/> Mutagenic <input checked="" type="checkbox"/> None		
SECTION XI: ECOLOGICAL INFORMATION		
Ecotoxicity: LC ₅₀ of Product: >100 mg/L		
Environmental Fate: This product is biodegradable.		
SECTION XII: PREPARATION INFORMATION		
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 Seventh Generation, Inc.	Telephone Number 800-456-1191	Issue Date December 9, 2010
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