



MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name: Automatic Dishwasher Detergent Gel

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:
Automatic Dishwashing

SECTION II: HEALTH HAZARD DATA

Emergency Overview: No known health hazards.

Potential Health Effects:

Eyes: Mild 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 citrate	3-10	68-04-2	NAV	>8000 mg/kg
PPG-10-laureth-7	1-3	68439-51-0	NAV	>2000 mg/kg
or				
sorbitan caprylate	1-3	60177-36-8	n/a	>2000 mg/kg
glycerin	1-3	56-81-5	NAV	>12000 mg/kg
sodium silicate	≤3	1344-09-8	NAV	1960 mg/kg
citric acid	≤3	77-92-9	NAV	3000 mg/kg
xanthan gum	≤1	11138-66-2	NAV	>5000 mg/kg
sodium borate	≤1	1303-96-4	NAV	2660 mg/kg
calcium chloride	≤1	10043-52-4	NAV	1000 mg/kg
protease	≤1	9014-01-1	NAV	3700 mg/kg
amylase	≤1	9000-90-2	NAV	>2000 mg/kg
benzisothiazolinone (and) methylisothiazolinone	≤1	2634-33-5 & 2682-20-4	NAV	>2500 mg/kg
essential oils & botanical extracts*	≤1	NAV	NAV	NAV
sodium hydroxide	≤1	1310-73-2	NAV	NAV

*Free & Clear: not applicable.

*Lemon: citrus limon (lemon) peel oil, citrus grandis (grapefruit) peel oil, cymbopogon schoenanthus (lemongrass) oil. 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. Call 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: 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

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

SECTION VII: HANDLING, DISPOSAL & STORAGE

Handling Procedures and Equipment: No unusual precautions necessary.



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Waste Disposal:	Any disposal practice must be in compliance with local, state, and federal laws and regulations. Recycle empty container.		
Storage Procedures:	KEEP OUT OF REACH OF CHILDREN & PETS.		
Personal Protective Equipment:	Not Applicable.		
Engineering Controls:	Not Applicable.		
SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES			
Physical State:	Liquid (gel).		
Appearance & Color:	Opaque	White	
pH: (100%)	7.2 7.8		
Specific Gravity:	1.06 - 1.10		
Solubility in Water:	Miscible.		
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 (oral) of Product (mg/kg) (based on ingredients):	>5000		
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:	Not yet known.		
Environmental Fate:	No adverse effects expected.		
SECTION XII: TRANSPORTATION INFORMATION			
DOT: Not regulated.			
TDG: Not regulated.			
SECTION XIII: REGULATORY INFORMATION			
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	<input type="checkbox"/> Health	<input type="checkbox"/> Flammability	<input type="checkbox"/> Physical Hazards <input checked="" type="checkbox"/> A <input type="checkbox"/> PPE
SECTION XV: 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 20-Sep-2013	
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