



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 8:30 am - 5pm ET (except holidays): 1-800-456-1191

Outside these hours: 1-800-255-3924 (ChemTel MIS0007366)

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 citrate	3-10	68-04-2	NAV	>8000 mg/kg
PPG-10-laureth-7	1-3	68439-51-0	NAV	>2000 mg/kg
glycerin	1-3	56-81-5	NAV	>12000 mg/kg
sodium silicate	1-3	1344-09-8	NAV	1960 mg/kg
citric acid	1-3	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
sodium hydroxide	≤1	1310-73-2	NAV	500 mg/kg (rabbit)
essential oils & botanical extracts*	≤1	NAV	NAV	NAV
methylisothiazolinone (and) benzisothiazolinone	≤1	2682-20-4 & 2634-33-5	NAV	>2500 mg/kg

*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: ACCIDENTIAL RELEASE MEASURES

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



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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.

SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid (Gel).

Appearance & Color: Opaque

pH: 7.2-7.8

Specific Gravity: 1.0-1.1

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

LD₅₀ of Product (mg/kg): >5000

Chronic Toxicities: ☐ Carcinogenic ☐ Reproductive Toxin ☐ Teratogenic ☐ Mutagenic ☒ None

SECTION XI: ECOLOGICAL INFORMATION

Ecotoxicity: LC₅₀ of Product: >100 mg/L

Environmental Fate: This product is biodegradable.

SECTION XII: TRANSPORTATION INFORMATION

Not regulated.

SECTION XIII: 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 8/13/2012
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