

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name: Automatic Dishwashing 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: Contact with eyes may cause irritation. Contact with skin may cause irritation.

Potential Health Effects:

Eyes- Mild Irritant¹ or Moderate Irritant²

1. Lemon 2. Grapefruit

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	10-30	1344-09-8	10 mg/cu.m.	1,280 mg/kg
Sodium Polyacrylate	3-10	2594415	NAV	>5,000 mg/kg
Sodium Citrate	3-10	68-04-2	NAV	3,000 mg/kg
PPG-6 C12-15 Pareth-12	3-10	68551-13-3	NAV	>2,000 mg/kg
Sodium Carbonate	0.3-3	479-19-8	10 mg/cu.m.	2,800 mg/kg
Xanthum Gum	0.3-3	11138-66-2	10 mg/cu.m.	>45,000 mg/kg
*Whole Essential Oils	<0.3	NAV	NAV	NAV
**Medica Limonum Peel (Lemon)	<0.3	NAV	NAV	NAV
**Citrus Aurantifolia (Lime)	<0.3	NAV	NAV	NAV
***Synthetic Fragrance	<0.3	NAV	NAV	NAV

***Grapefruit:** cocos nucifera (coconut), punica granatum (pomegranate), caldendula officinalis flower (calendula), citrus grandis peel (grapefruit), citrus aurantium bergamia fruit (bergamot), elettaria cardamomum seed (cardamom), santalum album (sandalwood), lavendula augustifolia (lavender), citrus nobilis peel (mandarin orange), pyrus malus fruit (apple), pyrus communis fruit (pear), citrus aurantium dulcis peel (orange), ananas sativus fruit (pineapple), rose.

** **Lemon scent**

*** **Green Apple scent**

SECTION IV: FIRST AID MEASURES

First Aid Procedures:

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

Skin- Rinse thoroughly with water if skin contact occurs

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: ACCIDENTIAL 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 Dishwashing Gel

SECTION VIII: PHYSICAL & CHEMICAL PROPERTIES		
Physical State: Liquid		
Color & Appearance: Viscous, milky white liquid		
pH: 11.5-12		
Specific Gravity: Approximately 11.4		
Solubility in Water: Miscible		
Percent Volatiles: 30-100% (As Water)		
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		
LD₅₀ 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: LC₅₀ of Product: Not yet known		
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 March 9, 2009
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