

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE

Material Name Automatic Dishwasher Gel

Manufacturer's Name
Seventh Generation, Inc.

Street Address
212 Battery Street

City
Burlington

State
VT

Zip Code
05401-5281

EMERGENCY TELEPHONE NO.
800-456-1191

Chemical Name
NAP

Chemical Family
NAP

Chemical Formula
NAP

Molecular Weight
NAP

Trade Name and Synonym
NAP

Material Use
Automatic dishwashing

SECTION II – HAZARDOUS AND OTHER INGREDIENTS OF MATERIAL

WHMIS Class D2B

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD ₅₀ (oral, rat)
Water, Soft	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	9003-0407	NAV	>5,000 mg/kg
Sodium Citrate	3-10	68-04-2	NAV	3,000 mg/kg
Surfonic P-1	3-10	68439-51-0	NAV	3,530 mg/kg
Sodium Carbonate	0.3-3	479-19-8	10 mg/cu.m.	2,800 mg/kg
Xanthan Gum	0.3-3	11138-66-2	10 mg/cu.m.	GRAS (generally regarded as safe)
Synthetic Fragrance	<0.3	NAV	NAV	NAV

SECTION III – PHYSICAL DATA FOR MATERIAL

Physical State <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid	Color and Appearance Viscous, milky white liquid	Odor Threshold Limit NAP	Specific Gravity Approx. 1.14
Vapor Pressure (mm) As water	Vapor Density (Air=1) As water	Evaporation Rate As water	Boiling Point As water
Solubility in Water Miscible	Percent Volatiles	pH 11.5 – 12.0	Density (g/cc) 1.14
Freezing Point As water			
Coef. Of Oil/Water Distribution: NAV			

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammable? If yes, under what conditions?

Yes No

Means of Extinction

NAP

Special Procedures

NAP

Flashpoint (°C) and Method

NAP

Upper Explosion Limit (% by Volume)

NAP

Lower Explosion Limit (% by Volume)

NAP

Auto Ignition Temperature (°C)

NAV

TDG Flammability Classification

NAP

Hazardous Combustion Products

NAP

Sensitivity to Impact

NAP

Rate of Burning

NAP

Explosive Power

NAP

Sensitivity to Static Discharge

NAP

SECTION V – REACTIVITY DATA

Chemically Stable? If no, under what conditions?

Yes No

Incompatible with other substances? If yes, which ones?

Yes No Avoid contact with strong acids.

Reactivity, and under what conditions?

Not reactive

Hazardous Decomposition Products

NAP

Material Name

Automatic Dishwasher Gel

SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCT**Route of Entry** Skin Contact Skin Absorption Eye Contact Inhalation, Acute Inhalation, Chronic Ingestion**Effects of Acute Exposure to Product**

Irritation to eyes may result.

Effects of Chronic Exposure to Product

Prolonged and repeated exposure may cause eye irritation or skin irritation.

LD₅₀ of Product

NAV

Irritancy of Product

May cause irritation to eyes.

Exposure Limits of Product

NAV

LC₅₀ of Product

NAV

Sensitization to Product

NAV

Synergistic Materials

NAV

Chronic Toxicities Carcinogenic Reproductive Toxin Teratogenic Mutagenic**SECTION VII – PREVENTATIVE MEASURES****Personal Protective Equipment****Respiratory**

NAP

Eye

NAP

Footwear

NAP

Gloves

NAP

Other

NAP

Clothing

NAP

Engineering Controls

NAP

Leak and Spill Procedures

NAP

Waste Disposal

NAP

Handling Procedures and Equipment

Avoid contact with eyes. Avoid ingestion.

Storage Requirements

Store in a cool, dry place. Avoid excess heat.

Special Shipping Information

NAP

SECTION VIII – FIRST AID MEASURES**Skin**

Rinse skin with cold water immediately after contact.

Eyes

Wash eye with water immediately after contact. Call a physician if irritation persists.

Inhalation

NAP

Ingestion

Drink a glass of water. If prolonged nausea or pain occurs call a physician immediately.

General Advice

NAP

SECTION IX – 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

MSDS: General chemical references

Prepared by

Seventh Generation, Inc.

Telephone Number

800-456-1191

Date

18 Jun 2003

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