

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE

Material Name Hand Dishwashing Liquid, Free & Clear				
Manufacturer's Name Seventh Generation, Inc.			Street Address 60 Lake 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 Household cleaning		

SECTION II – INGREDIENTS OF MATERIAL

WHMIS Class D2B

Ingredient Name	Concentration (%)	CAS Number	Exposure Limits	Toxicity Data LD ₅₀ (oral, rat)
Water, Soft	10 - 100	7732-18-5	NAV	NAV
Sodium Laureth Sulfate	3 – 30	68585-34-2	NAP	5,000 mg/kg
Cocamidopropyl Betaine	1 – 10	61789-40-0	NAV	NAV
Cocamide MEA	1 – 10	68140-00-1	NAV	NAV
Sodium Chloride	0.3-3	7647-14-5	NAP	3,000 mg/kg
Magnesium Chloride	0.1-1	7791-18-6	NAP	8,100 mg/kg
Citric Acid	0.01-0.1	77-92-9	NAP	3000mg/kg
Hexahydro-1,3,5,-Tris(2-hydroxyethyl)-s-triazine	<0.05	4719-04-4	NAP	535 mg/kg

SECTION III – PHYSICAL DATA FOR MATERIAL

Physical State [] Solid [X] Liquid	Color and Appearance Clear liquid		Odor Threshold Limit NAP	Specific Gravity As water
Vapor Pressure (mm) As water	Vapor Density (Air=1) As water	Evaporation Rate As water	Boiling Point As water	Freezing Point As water
Solubility in Water Miscible	Percent Volatiles 10-100 (Water)	pH 6.4 – 7.4	Density (g/cc) 1.04	Coef. Of Oil/Water Distribution: NAV

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammable? If yes, under what conditions? Yes [] No [X]				
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 [X] No []				
Incompatible with other substances? If yes, which ones? Yes [] No [X]				
Reactivity, and under what conditions? NAP				
Hazardous Decomposition Products NAP				

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Hand Dishwashing Liquid, Free & Clear

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 occur.

Effects of Chronic Exposure to Product
Prolonged and repeated exposure may cause eye irritation.

LD₅₀ of Product
NAV

LC₅₀ of Product
NAV

Chronic Toxicities
 Carcinogenic Reproductive Toxin Teratogenic Mutagenic

SECTION VII – PREVENTATIVE MEASURES

Personal Protective Equipment	Respiratory NAP	Eye Safety glasses	Footwear NAP
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Gloves NAP	Other NAP
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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
NAP

Eyes
Wash eye with water for 15 minutes immediately after contact. Call a physician

Inhalation
NAP

Ingestion
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 28 February 2008
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