

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE

Material Name

All Purpose Cleaner, Green Mandarin & Leaf

Manufacturer's Name

Seventh Generation, Inc.

Street Address

60 Lake Street

City

Burlington

State

VT

Zip Code

05401-5281

EMERGENCY TELEPHONE

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 Carbonate	1-10	5968-11-6	NAP	4,090 mg/kg
Alkylpolyglucoside	1-10	110615-47-9	NAP	NAV
Coconut Alcohol Ethoxylate	1-10	68131-39-5	NAP	4,150 mg/kg
Citric Acid	0.3-3	77-92-9	NAP	3000mg/kg
Sodium Hydroxide	0.1-1	1310-73-3	NAP	NAP
Sodium Lauriminodipropionate	0.03-3	14960-06-6	NAP	3,130 mg/kg
*Whole Essential Oils	0.01-0.1		NAP	NAV
Hexahydro-1,3,5,-Tris (2-hydroxyethyl)-s-triazine	< 0.05	4719-04-4	NAP	535 mg/kg

*Green Mandarin, Farwest Spearmint, Petitgrain Leaf, Petitgrain Bigarade

SECTION III – PHYSICAL DATA FOR MATERIAL

Physical State <input type="checkbox"/> Solid <input checked="" type="checkbox"/> 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 8.5-9.5	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
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
Reactivity, and under what conditions?

Not reactive

Hazardous Decomposition Products

NAP

Material Name

All Purpose Cleaner, Green Mandarin & Leaf

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

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**Other**

NAP

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**

NAP

Eyes

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

Inhalation

NAP

Ingestion

Drink a glass of water. If nausea or pain persists 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

13 July 2007

The information contained in this Material Safety Data Sheet is provided by Seventh Generation, Inc. free of charge. While believed to be reliable, it is intended for use by skilled persons at their own risk. Seventh Generation, Inc. assumes no responsibility for events resulting from, or damages incurred from, its use.