

MATERIAL SAFETY DATA SHEET

SECTION I – MATERIAL IDENTIFICATION AND USE

Material Name

Laundry Liquid, Citrus

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
Coconut Alcohol Ethoxylate	3-30	68131-39-5	NAP	4,150 mg/kg
Sodium Laureth Sulfate	3-30	68585-34-2	NAP	5,000 mg/kg
Sodium Chloride	1-10	7647-14-5	NAP	3,000 mg/kg
Sodium Gluconate	1-10	527-07-1	NAP	2,000 mg/kg
Sodium Borate (Borax)	1-10	1330-34-4	NAP	5,660 mg/kg
Savinase Ultra 16 L Enzyme	0.3-3	NAV	NAV	NAV
Termamyl 300L, Type DX Enzyme	0.3-3	NAV	NAV	NAV
Oleic Acid, Low odor, 80%	0.1-10	2027-47-6	NAV	25,000 mg/kg
Calcium Chloride-Anhydrous	0.03-3	10043-52-4	NAP	1,000 mg/kg
Valencia Orange Oil	0.01-1.0		NAP	NAV
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
Solubility in Water Miscible	Percent Volatiles 10-100 (Water)	pH 8.5-9.5	Density (g/cc) 1.04
			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 [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

Material Name

Laundry Liquid, Citrus

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**Gloves****Other**

NAP

NAP

Clothing

NAP

Engineering Controls

NAP

Leak and Spill Procedures

Small quantities can be flushed to sanitary sewers, if permitted by local regulations.

Waste Disposal

Landfill or flush small quantities to sanitary sewers, if permitted by local regulations.

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**

Avoid contact with skin. Rinse thoroughly with water if contact occurs

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

13 July 2007

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