

# MSDS – Material Safety Data Sheet

Product Name: Restore Natural Products Dishwashing Detergent

## 1. Basic Information:

Manufacturer: Restore Natural Products, LLC

Address: 655 19th Avenue NE

City, ST Zip: Minneapolis, MN 55418



Last Update: 10/12/2010

Chemical State:  Liquid  Gas  Solid

Chemical Type:  Pure  Mixture

1	Health
0	Flammability
0	Reactivity
	Pers. Protection

## 2. Ingredients:

Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313	OSHA PEL	ACGIH TLV	Other Limits
			NTP	SUB Z						
68439-57-6	Alpha Olefin Sulfonate	5-10						NE	NE	NE
68439-46-3	C9-C11 Ethoxylated Alcohol Nonionic Surfactant	1 -5						NE	NE	NE
5989-27-5	d-Limonene	.5 -2						NE	NE	NE
7447-40-7	Potassium Chloride	5 -10					15mg/m3		10 mg/m3	NE
1643-20-5	Lauramine Oxide	5 -10						NE	NE	NE
68891-38-3	Sodium Lauryl Ether Sulfate	5 -10						NE	NE	NE

## 3. Hazardous Identification:

### Hazard Category:

Acute  Chronic  Fire  Pressure  Reactive

### Hazardous Identification Information:

This product is not hazardous under normal conditions of use.

Acute exposure to this product may cause eye irritation.

Prolonged and repeated exposure may cause eye or skin irritation.

## 4. First Aid Measures:

### Route(s) of Entry:

Eye contact, skin contact, ingestion. Inhalation not a likely route of entry.

### Health Hazards (Acute and Chronic):

# **MSDS – Material Safety Data Sheet**

## **Product Name: Restore Natural Products Dishwashing Detergent**

This product is not hazardous under normal conditions of use.

Acute exposure to this product may cause eye irritation.

Prolonged and repeated exposure may cause eye and skin irritation.

### **Signs and Symptoms:**

This product may cause eye irritation. Dermatitis and skin sensitization can develop in extremely sensitive people. Irritation of the stomach can develop following ingestion. No known inhalation reaction known.

### **Medical Conditions Generally Aggravated by Exposure:**

None known

### **Emergency and First Aid Procedures:**

Eyes: Immediately flush with water for 15 minutes. If irritation persists, have eyes examined and treated by medical personnel.

Skin: If irritation occurs, wash material off skin with soap and water. See physician if irritation persists.

Ingestion: Drink water to dilute. DO NOT induce vomiting unless advised by a physician or poison control center.

### **Other Health Warnings:**

None noted.

### **5. Fire Fighting Measures:**

**Flash Point:** NA

**Lower Explosive Limit:** NA

**Upper Explosive Limit:** NA

**F.P. Method:**

**Fire Extinguishing Media:** Water spray, carbon dioxide, dry chemical.

### **Special Fire Fighting Procedures:**

None known.

### **Unusual Fire and Explosion:**

None known.

### **6. Accidental Release Measures:**

#### **Steps to be Taken in Case Material is Released or Spilled:**

Where possible, flush down drain to waste treatment sewer; otherwise, on small spills, use chemical absorbent and sweep up. For large spills, contain and collect.

### **7. Handling and Storage:**

#### **Precautions to be Taken:**

Keep from freezing. Store between 40°F and 100°F to insure long life of the product. Follow all general safety precautions.

#### **Other Precautions:**

Keep out of reach of children and pets.

### **8. Exposure Controls/Personal Protection:**

#### **Ventilation Requirements:**

Normal room ventilation

#### **Personal Protective Equipment:**

None required under normal conditions of use. If needed use safety glasses or face shield.

# MSDS – Material Safety Data Sheet

**Product Name: Restore Natural Products Dishwashing Detergent**

## 9. Physical and Chemical Properties:

Boiling Point: NE Melting Point: NA  
Evaporation Rate (Butyl Acetate= 1): NE Vapor Pressure (mm Hg.): NE  
Specific Gravity (H2O = 1): 1.04500 Vapor Density (AIR = 1): NE  
Solubility In Water: Miscible Appearance and Odor: Clear, slightly viscous liquid.  
Other Information: Evaporation rate and Vapor Density are similar to water

## 10. Stability and Reactivity:

### Stability:

Stable under normal conditions.

### Incompatibility (Materials to Avoid):

None known.

### Decomposition/By Products:

None known.

### Hazardous Polymerization:

Will not occur.

## 11. Toxicological Information:

No data available. Based on the ingredients in this product and recommended use, no toxic effects are expected.

## 12. Ecological Information:

No data available. Based on the ingredients in this product and recommended use, no ecological effects are expected.

## 13. Disposal Considerations:

Dispose of this product or its residues in accordance with all local, state and federal requirements.

## 14. Transport Information:

DOT PROPER SHIPPING NAME: Unrestricted

DOT LABEL: NA

DOT NUMBER: NA

UN NUMBER: NA

IMCO CLASS: NA

DOT HAZARD CLASSIFICATION: NA

## 15. Regulatory Information:

None noted.

## 16. Other Information:

No additional warnings.

# **MSDS – Material Safety Data Sheet**

**Product Name: Restore Natural Products Dishwashing Detergent**

## ABBREVIATIONS:

~ = Approximately  
< = Less Than  
> = Greater Than

ACGIH = American Conference of Governmental Industrial Hygienists

AIHA = American Industrial Hygiene Association

C = Degrees Celsius

Deg= Degrees

EPA = Environmental Protection Agency

F = Degrees Fahrenheit

HMIS = Hazardous Materials Information System

IIARC = International Agency for Research on Cancer

NA = Not Applicable

NDA = No Data Available

NE = Not Established

NFPA = National Fire Protection Association

NI = Not Indicated

NIOSH = National Institute of Occupational Safety and Health

NTP= National Toxicology Program

OSHA = Occupational Safety and Health Administration

The information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided by the Restore Products Company without any warranty, expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable. Users should make their own investigations to determine the suitability of the information or products for their particular purpose.

The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, the Restore Products Company does not assume responsibility and expressly disclaims liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.