

# MSDS – Material Safety Data Sheet

**Product Name: Restore Natural Products 3X Concentrated Laundry Detergent**

## 1. Basic Information:

Manufacturer: Restore Natural Products

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						
61788-90-7	Alkyl Dimethylamine Oxide	.5-2						NE	NE	NE
Proprietary	Amphoteric Surfactant Blend	2 -6						NE	NE	NE
68439-46-3	C9-C11 Ethoxylated Alcohol Nonionic Surfactant	2 -8						NE	NE	NE
5989-27-5	d-Limonene	1 -4						NE	NE	NE
7447-40-7	Potassium Chloride	1 -5					15mg/m3		10 mg/m3	NE
68-04-2	Sodium citrate	4 -8						NE	NE	NE
67784-80-9	Soy Methyl Ester	1 -4						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):

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

### **Signs and Symptoms:**

EYES: Irritation, burning, redness, tearing.

SKIN: Irritation, burning, redness, dermatitis-like symptoms. Skin sensitization can develop in extremely sensitive people.

INGESTION: Irritation of the stomach and/or nausea.

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

Contact of this product with skin may exacerbate symptoms of persons having dermatitis, psoriasis, exczema or persons who have hyper-sensitive skin.

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

Eyes: Immediately flush with water for 15 minutes. If contacts are present, remove after first 5 minutes of flushing and continue flushing 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

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## Personal Protective Equipment:

None needed under normal conditions of use. If possible, contact with skin and eyes, use chemical resistant gloves, safety glasses or face shield.

## 9. Physical and Chemical Properties:

Boiling Point: NE	Melting Point: NA
Evaporation Rate (Butyl Acetate= 1): NE	Vapor Pressure (m m Hg.): NE
Specific Gravity (H2O = 1): 1.04000	Vapor Density (AIR = 1): NE
Solubility In Water: 100 %	Appearance and Odor: Clear liquid / light citrus odor.
Other Information: pH: 7.8 –8.8	

## 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:

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No additional warnings.

## 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

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NI = Not Indicated

NIOSH = National Institute of Occupational Safety and Health

NTP= National Toxicology Program

OSHA = Occupational Safety and Health Administration

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