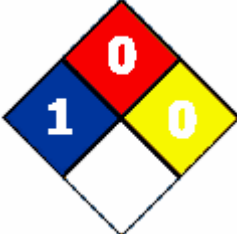



# Material Safety Data Sheet

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health Hazard	1	Fire Hazard	0	Reactivity	0		
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								

Issuing Date 11-Oct-2007

Revision Date 11-Oct-2007

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** PR Windfresh 2X Liquid Laundry 170 oz. 110WL

**Recommended Use** Detergent.

**Supplier Address**

Huish Detergents, Inc.  
3540 W. 1987 S., Salt Lake City, Utah,  
84104  
US  
Phone:800-776-6702

Emergency Phone: 801-975-3194

**Company Emergency Phone Number** 801-975-3194

## 2. HAZARDS IDENTIFICATION

**CAUTION!**

**Emergency Overview**

May be harmful if swallowed  
May cause skin and eye irritation

**Appearance** Viscous liquid

**Physical State** Liquid

**Odor** Pleasant

**Potential Health Effects**

**Principle Routes of Exposure**

Skin contact, Eye contact.

**Acute Toxicity**

**Eyes**

May cause irritation.

**Skin**

May cause irritation.

**Inhalation**

Not an expected route of exposure.

**Ingestion**

May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Effects**

No known effect based on information supplied.

**Aggravated Medical Conditions** Skin disorders.

**Environmental Hazard** See Section 12 for additional Ecological information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Supplier Trade Secret	Proprietary	60 - 100
Supplier Trade Secret	Proprietary	10 - 30
Supplier Trade Secret	Proprietary	5 - 10
Supplier Trade Secret	Proprietary	1 - 5
Supplier Trade Secret	Proprietary	1 - 5
Supplier Trade Secret	Proprietary	1 - 5
Supplier Trade Secret	Proprietary	0.1 - 1
Supplier Trade Secret	Proprietary	0.1 - 1
Supplier Trade Secret	Proprietary	< 0.1
Supplier Trade Secret	Proprietary	< 0.1
Supplier Trade Secret	Proprietary	< 0.1
Supplier Trade Secret	Proprietary	< 0.1

### 4. FIRST AID MEASURES

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
<b>Ingestion</b>	Call a physician or Poison Control Center immediately. Rinse mouth. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable
<b>Flash Point</b>	Not applicable.
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Uniform Fire Code</b>	• Irritant: Liquid
<b>Hazardous Combustion Products</b>	Carbon oxides
<b>Explosion Data</b>	
Sensitivity to mechanical impact	Not sensitive
Sensitivity to static discharge	Not sensitive

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA**

Health Hazard 1

Flammability 0

Stability 0

Physical and Chemical Hazards -

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

**Methods for Containment**

Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

**Methods for Cleaning Up**

Use personal protective equipment. Dam up. Cover liquid spill with sand, earth or other noncombustible absorbent material. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Handling**

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use.

**Storage**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep in properly labeled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems

**Personal Protective Equipment****Eye/Face Protection**

Safety glasses with side-shields.

**Skin and Body Protection**

Protective gloves.

**Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Viscous liquid	<b>Odor</b>	Pleasant.
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid
<b>pH</b>	11		
<b>Flash Point</b>	Not applicable.	<b>Autoignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	No information available.	<b>Boiling Point/Range</b>	No information available.
<b>Melting Point/Range</b>	No information available.		
<b>Flammability Limits in Air</b>	No information available.	<b>Explosion Limits</b>	No information available.
<b>Water Solubility</b>	Soluble in water	<b>Solubility</b>	No information available.
<b>Evaporation Rate</b>	No information available.	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available	<b>VOC Content</b>	1
<b>Partition Coefficient (n-octanol/water)</b>			

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Incompatible Products</b>	Strong oxidizing agents.
<b>Conditions to Avoid</b>	Keep away from children.
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information**                      May be harmful if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Supplier Trade Secret	90 mL/kg ( Rat )		
Supplier Trade Secret	12400 µL/kg ( Rat )		
Supplier Trade Secret	438 mg/kg ( Rat )		
Supplier Trade Secret	28 g/kg ( Rat )	20 g/kg ( Rabbit )	
Supplier Trade Secret	5580 mg/kg ( Rat )	2500 mg/kg ( Rabbit )	3.6 mg/L ( Rat ) 4 h
Supplier Trade Secret	5580 mg/kg ( Rat )	2500 mg/kg ( Rabbit )	3.6 mg/L ( Rat ) 4 h

### Chronic Toxicity

**Chronic Toxicity**                              No known effect based on information supplied.

**Target Organ Effects** Skin.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Ecotoxicity effects of component substances.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Supplier Trade Secret		LC50= 3.6 mg/L Brachydanio rerio 96 h	EC50 = 6000 mg/L 16 h	EC50 = 5.4 mg/L 24 h
Supplier Trade Secret		LC50= 10.8 mg/L Oncorhynchus mykiss 96 h		
Supplier Trade Secret			EC50 = 100000 mg/L 15 min	
Supplier Trade Secret	EC50 10 - 11 mg/L 96 h	LC50= 76 mg/L Brachydanio rerio 96 h		EC50 = 1000 mg/L 48 h
Supplier Trade Secret	EC50 10 - 11 mg/L 96 h	LC50= 76 mg/L Brachydanio rerio 96 h		EC50 = 1000 mg/L 48 h

## 13. DISPOSAL CONSIDERATIONS

### **Waste Disposal Method**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

### **Contaminated Packaging**

Dispose of in accordance with local regulations.

**California Hazardous Waste Codes** 561

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Supplier Trade Secret	Toxic

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated



## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Does not Comply
<b>EINECS/ELINCS</b>	Does not Comply
<b>ENCS</b>	Does not Comply
<b>CHINA</b>	Does not Comply
<b>KECL</b>	Does not Comply
<b>PICCS</b>	Does not Comply
<b>AICS</b>	Does not Comply

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

#### **Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Supplier Trade Secret	1000 lb			X

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Supplier Trade Secret	1000 lb	

### U.S. State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Supplier Trade Secret	X	X	X		
Supplier Trade Secret		X			
Supplier Trade Secret		X			

### International Regulations

**Mexico - Grade**                      Slight risk, Grade 1

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**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

16. OTHER INFORMATION
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<b>Issuing Date</b>	11-Oct-2007
<b>Revision Date</b>	11-Oct-2007
<b>Revision Note</b>	No information available

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**