

# MATERIAL SAFETY DATA SHEET

## SECTION I - MATERIAL IDENTIFICATION AND USE

<b>Material Name</b> Ultra Citra-Suds Laundry			
<b>Manufacturer's Name</b> Citra-Solv, LLC.		<b>Supplier's Name</b>	
<b>Street Address</b> 188 Shadow Lake Road		<b>Street Address</b>	
<b>City</b> Ridgefield	<b>State</b> Connecticut	<b>City</b>	<b>State</b>
<b>ZIP Code</b> 06877	<b>Emergency Telephone No.</b> (800) 255-3924	<b>ZIP Code</b>	<b>Emergency Telephone</b>
<b>Chemical Name</b> N/A	<b>Chemical Family</b>	<b>Chemical Formula</b>	
<b>Molecular Weight</b>	<b>Trade Name and Synonym</b>	<b>Material Use</b>	

## SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL WHMIS Class D2B

Hazardous Ingredients	Approximate Concentration	C.A.S. N.A. or U.N. Numbers	Exposure Limits	LD 50 / LC 50 Specify Species and Route
Sodium Carbonate	40 - 80	479-19-8	TLV 10 mg/m <sup>3</sup> (ACGIH)	Oral LD50 Rat 2,800 mg/kg
Enzyme (protease)	0.2 - 1.2		TLV 0.00006 mg/m <sup>3</sup>	N/A

## SECTION III - PHYSICAL DATA FOR MATERIAL

<b>Physical State</b> Gas [ ] Liquid [ ] Solid [X]	<b>Colour and Appearance</b> White Granular powder	<b>Odour Threshold limit p.p.m.</b> NAV	<b>Specific Gravity</b> NAV
<b>Vapour Pressure (mm)</b> NAP	<b>Vapour Density (Air=1)</b> NAP	<b>Evaporation Rate</b> NAP	<b>Boiling Point ( C )</b> NAP
<b>Solubility in Water</b> Complete at 25C	<b>% Volatile (by volume)</b> < 10	<b>pH</b> 10.3 - 11.3	<b>Density (gm/ml)</b> 0.78 +/- 0.1
			<b>Coefficient of Oil/ Water Distribution</b> NAV

## SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

<b>Flammability, If yes under which condition?</b> Yes [ ] No [X]		
<b>Means of extinction</b>		
<b>Special procedures</b>		
<b>Flashpoint ( C ) and Method</b> NAV	<b>Upper explosion limit (% by volume)</b> NAV	<b>Lower explosion limit (% by volume)</b> NAV
<b>Auto Ignition Temperature ( C )</b> NAV	<b>TDG Flammability Classification</b> NAP	<b>Hazardous combustion products</b> NAV
<b>Explosion Data</b> Sensitivity to Chemical impact	<b>Rate of Burning</b> NAP	<b>Explosive power</b> NAP
		<b>Sensitivity to Static Discharge</b> NAV

## SECTION V - REACTIVITY DATA

<b>Chemical Stability</b> Yes [X] No [ ]	<b>If no, under which condition?</b>
<b>Incompatibility to other substances</b> If so which ones? Yes [ ] No [X]	
<b>Reactivity and under what conditions?</b>	
<b>Hazardous Decomposition Products</b> N/A	

**Material Name/ Identifier**

Ultra Citra-Suds Laundry

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**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 of eyes and nose may occur at very high concentrations. If ingested call Physician immediately.

**Effects of Chronic Exposure to Product**

Prolonged and repeated exposure may cause eye and skin irritation.

**LD 50 of Product (Specify Species and Route)**

NAV

**Irritancy of Product**

Irritation to eyes and skin

**Exposure limits of Product**

NAV

**LC 50 of Product (Specify Species)**

NAV

**Sensitization to Product**

NAP

**Synergistic materials**

NAV

 Carcinogenicity  Reproductive effects  Teratogenicity  Mutanogenicity**SECTION VII - PREVENTIVE MEASURES****Personal Protective Equipment****Respiratory (Specify)**

3M 8233 Mask or equivalent

**Eye (Specify)**

Safety Glasses

**Footwear (Specify)**

Boots, if necessary

**Gloves (Specify)**

Cloth gloves

**Other (Specify)**

Eye wash fountains are recommended

**Clothing (Specify)**

Coveralls

**Engineering Controls (e.g. ventilation, enclosed process, specify)**

Local exhaust ventilation.

**Leak and Spill Procedure**

Small amounts should be flushed to sanitary sewers, if permitted by Local/ Provincial Regulations

**Waste Disposal**

Landfill - Dispose according to appropriate regulations.

**Handling Procedures and Equipment**

Avoid ingestion &amp; inhalation, wear P.P.E. &amp; avoid generating dust.

**Storage Requirements**

Store in cool, dry place away from excessive heat. Store between 10 - 48C.

**Special Shipping information****SECTION VIII - FIRST AID MEASURES****Skin**

Avoid contact with skin and eyes.

**Eye**

Wash eyes for 15 minutes immediately after contact and call physician.

**Inhalation**

Move person to fresh air, if severe contact a physician.

**Ingestion**

Contact physician immediately

**General advice**

NAP

**SECTION IX - PREPARATION DATE OF M.S.D.S.****Additional Information/ Comments**

The information on this MSDS relates only to specific material designated herein and does not relate to use in combination with any other material or any process.

**Sources used**

MSDS: General Chemical

**Prepared by:**

Citra-Solv, LLC.

**Phone number**

(800) 255-3924

**Date**

February 23, 2006

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