

MATERIAL SAFETY DATA SHEET



HMIS HAZARD RATINGS			
HEALTH	1	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME
REACTIVITY	0	2 = MODERATE	
TRANSPORTATION INFORMATION			
PROPER SHIPPING NAME	Not regulated		
HAZARD CLASS/PKG GROUP	None		
IDENTIFICATION NUMBER	None		

SECTION 1 - PRODUCT IDENTIFICATION

Product Name Homesolv/Citra Dish Auto Dishwashing Powder			
Manufacturer's Name Citra Solv, LLC.		Address 188 Shadow Lake Road Ridgefield, CT 06877	
Emergency Telephone No. Chemtel (800) 255-3924	Telephone Number for Info (800) 343-6588	Date Prepared 4/1/2014	Supercedes 10/1/2011

SECTION 2 - INGREDIENTS / COMPOSITION

Ingredient Name	Percentage Approx.	C.A.S. Numbers	OSHA PEL PPM MG/M3	ACGIH TLV	LC50	LD50
Sodium Carbonate	20 - 40%	479-19-8		2800 mg/kg (oral/rat)		
Sodium Silicate	5 - 15%	1344-09-8		1,800 mg/kg (oral/rat)		
Sodium Chloride	20 - 40%	7647-14-5		3,000 mg/kg (oral/rat)		
Sodium Citrate	20 - 30%	77-92-9		3,000 mg/kg (oral/rat)		
Surfactant	1 - 10%	68439-51-0		> 2,000 mg/kg (oral/rat)		
Polycarboxylate	1 - 10%	n/a		> 5,000 mg/kg (oral/rat)		
Sodium Perborate	1 - 5%	10332-33=9		1000 mg/kg (oral/rat)		
Protease	1 - 5%	1/1/9014		> 2,000mg/kg (oral/rat)		

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview	No known hazards
Appearance	White free flowing powder
Physical Hazards	None
Health Hazards	Eye Irritant
Potential Health Effects	
General	This Health Assessment is based on information from commercial and scientific literature.
Ingestion	Ingestion may cause irritation of the mouth, throat and stomach with possible nausea and vomiting.
Eyes	Direct contact with eyes may cause mild, trasitory irritation with local redness.
Skin	No adverse effects are expected from absorbtion of this product through the skin.
Inhalation	May cause nose, throat and respiratory tract irritation
Other Effects	N/A

SECTION 4 - FIRST AID

Skin	Wash with large amounts of soap and water. If irritation persists, seek medical attention.
Eyes	Eye Irritant. If splashed in eyes, flush with water for 15 minutes. If irritation persists, seek medical attention
Ingestion	Do not induce vomiting. Rinse mouth with water. Dilute by drinking water. If irritation persists, seek medical attention.
Inhalation	Move victim to fresh air and take deep, slow breaths. If symptoms persist seek medical attention.

SECTION 5 - FIREFIGHTING MEASURES

Flashpoint (F) TCC Method	Autoignition Temperature	Flammable Limits
Not Applicable	Not Applicable	Not Applicable

Firefighting Procedures

Product is non flammable. As appropriate for surrounding fire, use water; dry chemical; CO2 or foam.

Firefighting Equipment

Do not enter confined fire-space without protective cloting and self-contained air supply

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Small spills may be swept up and disposed. For large quantities, dispose of in accordance with local, state or federal regulations.

Prevent from entering sewers and waterways.

SECTION 7 - HANDLING AND STORAGE**Handling Precautions**

Prevent eye contact. No special requirements if product is handle according to good manufacturing practices. Keep container closed.

Storage Procedures

Keep out of reach of children & pets. Store in a closed container away from incompatible materials.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits No ACGIH TLV or OSHA PEL is assigned to this mixture.	Engineering Controls Normal ventilation adequate.
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Respiratory Protection Not normally required for normal houshold use.	Protective Clothing Not normally required for normal houshold use.
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Eye Protection Not normally required for normal houshold use.	
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance White free flowing powder	Melting Point NA
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Boiling Point NA	Vapor Pressure (mm Hg at 20C) NA
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Vapor Density NA	Solubility in Water Complete
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PH (Concentrate) 10.0 - 11.0	Density 1.00 - 1.12
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% Volatile by Weight NA	
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SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable	Incompatability Strong Acids
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Hazardous Decomposition by Products Oxides of carbon, oxides of nitrogen when heated.	Hazardous Polymerization NA
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SECTION 11 - TOXICOLOGY INFORMATION

Toxicity Data see section II for LD 50 for individual components.	See Section 3 - Hazards Identification
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SECTION 12 - ECOLOGICAL INFORMATION

Under normal and foreseeable uses, there are no concerns for aquatic organisms exposed to product ingredients.

SECTION 13 - DISPOSAL CONSIDERATIONS**Disposal Method**
Dispose of in accordance with Local, State & Federal Regulations**Container Disposal**
Do not reuse empty container, triple rinse and offer for reconditioning or proper disposal.**SECTION 14 - TRANSPORTATION INFORMATION****DOT Hazard Description**
Not Regulated.**SECTION 15 - REGULATORY INFORMATION****TSCA (Toxic Substances Control Act) regulations**
All ingredients are on the TSCA Chemical Substances Inventory**CERLA and SARA Regulations**
This product contains no Section 313 chemicals subject to reporting requirements. This product has no regulatory RQ under CERLA.**SECTION 16 - OTHER INFORMATION**

Material is not RCRA hazardous. No special requirements if product is handled according to good manufacturing practices.

Date: 4/1/2014 **Prepared by:** Technical Services

Disclaimer: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to applicable regulations. No warranty, expressed or implied, is made and supplier wil not be liable for any losses, injuries or consequential damages that may result from the use of or reliance on any information contained in this form.