

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 Pacs			
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 8/1/2012

SECTION 2 - INGREDIENTS / COMPOSITION

Ingredient Name	Percentage Approx.	C.A.S. Numbers	OSHA PEL PPM MG/M3	ACGIH TLV	LC50	LD50
Sodium Carbonate	10 - 50%	479-19-8		2800 mg/kg (oral/rat)		
Sodium Percarbonate	10 - 20%	15630-89-4		1,000 mg/kg (oral/rat)		
Sodium Silicate	1 - 5%	1344-09-8		1,800 mg/kg (oral/rat)		

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview	No known hazards
Appearance	White powder in a PVA sachet
Physical Hazards	None
Health Hazards	Eye Irritant
Potential Health Effects	
General	This Health Assessment is based on information from commercial and scientific literature.
Ingestion	If pouch breaks, contact may cause irritation to mouth, esophagus and stomach. May cause gastric tract upset.
Eyes	If pouch breaks, contact may cause irritation to eyes.
Skin	If pouch breaks, contact may cause irritation upon repeated / prolonged contact.
Inhalation	If pouch breaks, contact may cause nose, throat and respiratory tract irritation.
Other Effects	N/A

SECTION 4 - FIRST AID

Skin	Flush with water.
Eyes	Immediately flush with water for 15 minutes, holding eyelids open. 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 Not Applicable	Autoignition Temperature Not Applicable	Flammable Limits 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 clothing 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.
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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 powder in a PVA sachet	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	Specific Gravity (H2O=1) 0.9 - 1.0
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% Volatile by Weight NA	
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SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under normal conditions	Incompatability Reacts with acids to release corbon dioxide and heat.
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Hazardous Decomposition by Products None	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. This product is not considered hazardous waste according to Federal RCRA regulations (40 CFR 261).

Container Disposal
Do not reuse empty container.

SECTION 14 - TRANSPORTATION INFORMATION

DOT Classsification
Not Regulated.

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) regulations
All ingredients are on the TSCA Chemical Substances Inventory

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
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Disclamier: 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.