

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 I - PRODUCT / COMPANY IDENTIFICATION

Material Name Citra-Clear Window & Glass Cleaner			
Manufacturer's Name Citra-Solv, LLC.		Street Address 188 Shadow Lake Road	
City Ridgefield	State Connecticut	ZIP Code 06877	Emergency Telephone No. Chemtel (800) 255-3924
Date Prepared 2/23/2006	Supersedes 7/25/2001	Telephone Number for Information (800) 343-6588	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Percentage Approx.	C.A.S. Numbers	OSHA PEL PPM MG/M3	ACGIH TWA PPM	SARA Title III	RQ LBS
Ethanol	1 - 7	64-14-5	1000 1900	1000		

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Liquid	Color and Appearance colorless liquid, mild citrus odor	Solubility in Water complete	Specific Gravity 0.9905
Vapor Pressure (mm) 17 mm HG @ 20C	Vapor Density (Air=1) >1	Evaporation Rate <1	Boiling Point (F) 210
pH 9.9			% Volatile (by volume) 99

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Unusual hazards Closed containers can explode due to build up of pressure when exposed to extreme heat.		
Means of extinction Foam, carbon dioxide, dry chemical		
Special procedures Seld contained respiratory equipment:cool containers to prevent pressure build up and possible explosion when exposed to extreme heat. Will support combust		
Flashpoint (F) and Method >200F TCC	Upper explosion limit (% by volume) NA	Lower explosion limit (% by volume) NA

SECTION V - HEALTH HAZARD DATA

Routes of entry-signs of exposure INHALATION - None expected some individuals may be sensitized & experience minor headache/nausea. SKIN - None expected however, prolonged contact may cause irritation. EYES -Contact will cause irritation or discomfort INGESTION - May cause gastric distress, vomiting or diarrhea	Emergency and first aid procedures Move person to fresh air, if severe condition persists, seek medical attention. Wash exposed area thoroughly with soap and water. If irritatio persists, seek medical attention Remove contact lenses. Wash eyes for 15 minutes immediately after contact. If irritation persists, seek medical attention DO NOT INDUCE VOMITING. Give two or more glasses of water to dilute. Never give anything by mouth to an unconscious person. Seek immediate mediac attention.
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Carcinogenicity

NTP [NO] IARC Mongraphs [NO] OSHA Regulated [NO]

SECTION VI - REACTIVITY DATA**Chemical Stability** If no, under which condition?Yes No **Incompatibility (materials to avoid)**

Strong Oxidizers, Strong Acids

Conditions to avoid

Extreme temperatures , open flames

Hazardous Decomposition Productsn

None known

Hazardous Polymerization

Will not occur

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**Leak and Spill Procedure**

Recontainerize by mopping, wet vacuum or suitable absorbent. Rinse remaining material. Be cautious of very slippery floors.

Waste Disposal

Dispose of in accordance with Local, State & Federal Regulations

Handling Procedures and Equipment

Store in closed containers in ventilated area.

Storage Requirements

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

Special Shipping information

Keep out of reach of children.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION**Respiratory (Specify)**

None required

Protective Gloves (Specify)

None required

Eye (Specify)

Recommended for protection

Ventilation

not necessary

Other

Eye wash fountains nearby

Work / Hygienic Practices

Practice safe workplace habits.

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) 343-6588

Date

2/23/2006

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