

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	Bacterial Mixture
HAZARD CLASS/PKG GROUP	NA
IDENTIFICATION NUMBER	NA

Page 1 of 2

SECTION I - PRODUCT / COMPANY IDENTIFICATION

Material Name Citra-Drain enzyme drain maintainer			
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 2/23/06	Supersedes 1/7/2002	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
Bacterial Complex		68920-42-3				NE

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Liquid	Color and Appearance Milky white, citrus odor	Solubility in Water Complete	Specific Gravity 1.015 +/- 0.005
Vapor Pressure (mm) 1	Vapor Density (Air=1) 1	Evaporation Rate >1	Boiling Point (F) 212F
pH 8.0 - 9.0			% Volatile (by volume) 10

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Unusual hazards None Known		
Means of extinction Water & foam are suitable		
Special procedures No special firefighting equipment is needed, however, self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.		
Flashpoint (F) and Method NE	Upper explosion limit (% by volume) NE	Lower explosion limit (% by volume) NE

SECTION V - HEALTH HAZARD DATA

Routes of entry-signs of exposure	Emergency and first aid procedures
INHALATION - High concentrations may be irritating to respiratory tract, may cause headache or dizziness	Move person to fresh air, if severe condition persists, seek medical attention.
SKIN - Brief contact may cause slight irritation, prolonged contact may cause moderate irritation.	Wash exposed area thoroughly with soap and water.
EYES -Contact may cause irritation or discomfort	Remove contact lenses. Wash eyes for 15 minutes immediately after contact. If irritation persists, seek medical attention
INGESTION - May result in vomiting DO NOT INDUCE VOMITING	DO NOT INDUCE VOMITING. Give two or more glasses of water to dilute. Seek immediate medical attention.

Carcinogenicity

NTP [NO] IARC Monographs [NO] OSHA Regulated [NO]

SECTION VI - REACTIVITY DATA

Chemical Stability	If no, under which condition?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Incompatibility to other substances	If so which ones?
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Strong acids may inactivate cultures.	
Conditions to avoid	
None Known	
Hazardous Decomposition Productsn	Hazardous Polymerization
None Known	

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)	Protective Gloves (Specify)	Eye (Specify)	Ventilation
MSHA-NIOSH approved	Neoprene or rubber gloves with cuffs	Safety Glasses	not necessary
Other	Work / Hygienic Practices		
Eye wash fountains nearby	Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.		

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:	Phone number	Date
Citra-Solv, LLC.	(800) 343-6588	2/23/2006

The information on this Material Safety Data Sheet is provided by Citra-Solv, LLC. free of charge. While believed to be reliable, it is intended for use by skilled persons at their own risk. Citra-Solv, LLC. assumes no responsibility for events resulting or damages incurred from its use.