

# MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER: CLL1901H TREATMENT

HMIS RATING 1-1-0

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Section I

## MANUFACTURER

Emergency phone:

Information phone:

Date Prepared:

October 23, 2001

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	%	SARA 313 LIST RQ	CAS NUMBER	OSHA PEL	ACGIH TLV	OSHA ACGIH STEL	LD50 SKIN RABBIT	LD50 ORAL RAT	LC50 VAPOR RAT
RESIDUAL MONOMERS	<0.1	yes	N/A	10 PPM	10 PPM				

Section III

## PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT initial (F)	212	SPECIFIC GRAVITY	1.0-1.2
VAPOR PRESSURE (mm Hg)	17	% VOLATILE (Volume)	40-50
VAPOR DENSITY (Air=1)	<1	EVAPORATION RATE (BuAc=1)	<1
SOLUBILITY IN WATER	YES		
APPEARANCE & ODOR	Milky White or Black Liquid		

Section IV

## FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD)	N/A	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA:	Dry Chemical, Carbon Dioxide, Alcohol Foam			
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus with a full-face piece operated in a pressure demand or other pressure mode.			
USUAL FIRE AND EXPLOSION HAZARDS:	Material can splatter above 100C/212F. Polymer films are capable of burning and giving off oxides of carbon/nitrogen.			

Section V

## REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID
	STABLE X	Strong acids or bases, oxidizing agents and amines.
INCOMPATIBILITY (Materials to avoid):		Combustion may yield carbon monoxide and/or carbon dioxide.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:		CONDITIONS TO AVOID:
HAZARDOUS POLYMERIZATION:	MAY OCCUR	
	WILL NOT OCCUR X	

Section VI

## PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Eliminate all ignition sources, stop spill at source, and contain by dike, transfer material into suitable container. Absorb remainder with clay, vermiculite or other absorbent material and dispose of properly.

**WASTE DISPOSAL METHOD:** Liquid incineration, or may be disposed in a Hazardous Material landfill in accordance with all state, local and federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep container closed. Use only with adequate ventilation. Keep away from heat sources, spark or open flame sources.

**OTHER PRECAUTIONS:** Empty containers can be hazardous due to residue. Dispose of properly.

Section VII

## CONTROL MEASURES

RESPIRATORY PROTECTION:	Yes, if TLV levels are exceeded NIOSH/MESA approved.
VENTILATION:	Provide sufficient mechanical and/or local exhaust ventilation to maintain exposure level below TLVs.
PROTECTIVE GLOVES:	Yes
EYE PROTECTION:	Chemical splash goggles
OTHER PROTECTIVE	Impervious clothing and face shield if necessary.

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EQUIPMENT:  
WORK/HYGIENIC PRACTICES: Clean spills immediately. Wash clothing if contaminated before rewearing. Practice good industrial hygiene.

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Section VIII **EMERGENCY & FIRST AID PROCEDURES**

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EYE CONTACT: For direct contact, flush eyes with water for at least 15 minutes and seek medical attention.  
SKIN CONTACT: Remove contaminated clothing. Thoroughly cleanse by washing area with mild soap and water. If irritation or redness develops and persists, seek medical attention.  
INHALATION: Remove victim to fresh air. If breathing has stopped, artificial respiration should be administered. If breathing difficulties persist qualified personnel should administer oxygen. Seek medical attention immediately.  
INGESTION: Seek emergency medical attention. Immediately drink two glasses of water and induce vomiting with ipecac syrup or by placing finger at back of throat. Never give anything by mouth to an unconscious person.

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Section IX **HEALTH HAZARDS**

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PRIMARY ROUTES OF ENTRY: Inhalation, Skin contact.  
*EFFECTS OF ACUTE OVER EXPOSURE :*  
EYES: Can cause severe irritation, redness, tearing, blurred vision.  
SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, or dermatitis.  
INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects include dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even death.  
INGESTION: Can cause gastrointestinal irritation, nausea and vomiting.  
*EFFECTS OF CHRONIC OVEREXPOSURE:*

NOTE: Judgment of potential hazards of this mixture is based on information available about individual components listed in section II. Direct testing of mixture has not been done.

Information given herein is believed to be accurate and is given in good faith; however, no warranty either expressed or implied is made. It is strongly suggested that users confirm in advance of need that the information is current and applicable to their situation.