

# MATERIAL SAFETY DATA SHEET

## SECTION I – IDENTITY AND RESPONSIBLE PARTY INFORMATION

Responsible Party:	Twi-Laq Industries, Inc.	Product Name:	C-THRU CONCENTRATE
Address:	1345 Seneca Avenue Bronx, New York 10474	Date Prepared:	01/27/2011
Emergency Telephone No.	CHEMTREC 1-800-424-9300	Prepared By:	Regulatory Affairs

## SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	CAS#’s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Specific Chemical Identity: Common Name(s)					
Isopropyl Alcohol	67-63-0	N/A	N/A	N/A	<5%
2-butoxyethanol	111-76-2	N/A	N/A	N/A	1%
Dipropylene glycol methyl ether	34590-94-8	N/A	N/A	N/A	<1%

\*THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

HMIS RATING HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PERSONAL PROTECTION EQPT: A

## SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: Approx. 212°F	Specific Gravity (H <sub>2</sub> O=1): 0.98
Vapor Pressure (mm µg): Not Established	Percent Volatile By Weight (%): 98%
pH (Conc.): 9.7	Evaporation Rate (H <sub>2</sub> O=1): < 1
Solubility in Water: Complete	Appearance and Fragrance: Transparent Blue Liquid / Alcohol Odor

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None	Flammable Limits -	LEL – N/A	UEL – N/A
Extinguishing Media: Water, CO <sub>2</sub> , Foam or media suitable for surrounding fire.			
Special Fire Fighting Procedures: Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self contained breathing apparatus.			
Unusual Fire and Explosion Hazards: None Known			

## SECTION V – PHYSICAL HAZARDS

Stability: Unstable	Conditions to Avoid: None Known
Stable <input checked="" type="checkbox"/>	
Incompatibility (Materials to avoid): Do not mix with other chemicals	
Hazardous Decomposition Products or By-Products: Thermal decomposition on burning may produce toxic vapors or gases.	
Hazardous Polymerization: Will Occur	Conditions to Avoid: None Known
Will Not Occur <input checked="" type="checkbox"/>	

## SECTION VI – HEALTH HAZARDS

Route(s) of Entry: Inhalation? <input checked="" type="checkbox"/>	Skin? <input checked="" type="checkbox"/>	Ingestion? <input checked="" type="checkbox"/>
Health Hazards (1. Acute and 2. Chronic)		
1. ACUTE: Harmful if swallowed. 2. CHRONIC: None known.		
Chemical Listed as a Carcinogen	National Toxicology Program	I.A.R.C. OSHA
Or Potential Carcinogen	No <input checked="" type="checkbox"/>	Monographs: No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Signs and Symptoms of Exposure: Slight irritation or burning sensation.		
Medical Conditions Generally Aggravated by Exposure: None Known.		
Emergency and First Aid Procedures: EYE CONTACT: Flush immediately with water for 15 minutes. Hold eyelids open while flushing. If irritation persists, contact a physician. SKIN CONTACT: Remove contaminated clothing and flush with water for 15 minutes. If irritation persists, contact a physician. INGESTION: Do not induce vomiting. Rinse mouth with water followed by drinking 1-2 large glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.		

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled – If possible, contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of storm sewers or waterways. Hold for disposal. Waste Disposal Method – Dispose of in accordance with local, state and Federal regulations. If possible, triple rinse container, and recycle. Precautions to be Taken in Handling and Storing – Avoid contact with eyes, skin and clothing. Do not ingest. Use with adequate ventilation. Store in original container, in cool dry place. Keep out of reach of children. Keep container tightly closed when not in use. Other Precautions – N/A

## SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type): Not required if adequate ventilation maintained. Otherwise, NIOSH approved respirator.	
Ventilation: <input type="checkbox"/> Local Exhaust: Not required	Mechanical (General): Not required Special: N/A Other: N/A
Protective Gloves: Required	Eye Protection: Required Other Protective Clothing or Equipment: Not required
Work/Hygiene Practices: Good housekeeping practices apply. Wash thoroughly after handling.	

**NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.**

The goal of defining precisely, in measurable terms, every possible health effect that may occur in the workplace as a result of chemical exposures cannot realistically be accomplished. The information and recommendation contained in this Material Safety Data Sheet are supplied pursuant to 29 C.F.R. 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. Twi-Laq Industries, Inc., however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the same will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Twi-Laq Industries, Inc. be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this Material Safety Data Sheet. The ultimate compliance with federal, state and local regulations concerning the use or disposal of this compound, or compliance with respect to products liability, rests solely upon the purchaser thereof.

N/A Not Applicable / Not Available

N/E Not established