



## SAFETY DATA SHEET

## ICC 437 Polycarbonate Cleaner™

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: ICC 437 Polycarbonate Cleaner™  
Manufacturer: INTERCONTINENTAL CHEMICAL CORPORATION  
Address: 4660 Spring Grove Avenue, Cincinnati, OH USA 45232-1995  
Emergency Phone: 513-541-7100 (business hours 8am-5pm Eastern Time)  
Chemtrec Phone: 800-424-9300 (after business hours)Ref. CCN 11409  
Fax Phone: 513-541-6880  
Chemical Family: Solventized Cleaners  
Product Use: Cleaning Polycarbonate Plastics

### SECTION 2: HAZARDS IDENTIFICATION

WARNING	Hazard Category	Hazard Classification
	2A	Eye damage / irritation
	3	Flammable Liquids
	4	Acute toxicity - Inhalation

### PICTOGRAM AND HAZARD STATEMENTS



Flammable liquid and vapor. Causes serious eye irritation. Harmful if inhaled.

### PREVENTION

Keep away from heat, sparks, open flames and hot surfaces. No smoking.  
Keep container tightly closed.  
Ground or bond container and receiving equipment.  
Use explosion-proof electrical, ventilating and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust, fume, gas, mist, vapors or spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves and clothing; also eye and/or face protection.

### RESPONSE

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with plenty of water or shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER or doctor if you feel unwell.  
If eye irritation persists: Get medical advice or attention.  
In case of fire: Use water spray, Class A, B or C extinguishers to extinguish.

STORAGE: Store in a well-ventilated place. Keep cool.

DISPOSAL: Dispose in accordance with local, state and federal regulations.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

ICC 437 is a proprietary product; the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Ingredient :	Diacetone Alcohol	Oxaalkylalkanol*
CAS#	123-42-2	34590-94-8
Weight %	>80	<10

\*Otherwise known as "dipropylene glycol methyl ether" -OR- "bis-(2-methoxypropyl) ether -OR- "DPGME"

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## SECTION 4: FIRST AID MEASURES

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on skin or hair: Immediately take off all contaminated clothing. Rinse skin with plenty of water or shower.  
If inhaled: Remove person to fresh air and keep comfortable  
If swallowed: Rinse mouth.

Immediately seek medical attention if you feel unwell.  
Wash contaminated clothing before reuse.  
Absorb spillage to prevent further product contact.

Likely Routes of Exposure: Eyes, skin, inhalation, ingestion

Most Important Symptoms and Effects, Both Acute and Delayed:

This product may cause serious irritation to eyes, skin and respiratory tract. Harmful if inhaled; high concentrations may cause blurry vision, narcotic effects, headache, nausea. Ingestion would likely cause digestive tract irritation. May cause liver, blood forming system and kidney damage.

Acute Health Hazard Symptoms:

Eyes: May cause irritation.  
Skin: May cause irritation; defatting, dryness.  
Ingestion: Irritation of digestive tract, gastric disturbances.  
Inhalation: May cause irritation, nausea, headache, dizziness, drowsiness, reduced coordination, or unconsciousness.

Acute Health Hazards: Skin, eyes and mucous membrane irritant; CNS depressant.

Chronic Health Hazards: Ingredients have shown liver, kidney and red blood cell effects in test animals.

## SECTION 5: FIRE-FIGHTING MEASURES

Flammable Limits in Air, (% by Volume): UPPER: Not determined. LOWER: Not determined.  
Flash Point: 127°F. or 53°C.  
Method Used: ASTM D3278  
Autoignition Temperature: Not determined.  
NFPA 704 Standard: HEALTH: 2 FLAMMABILITY: 2 INSTABILITY: 0  
Extinguishing Media: Water spray or Class A, B or C extinguishers.  
Special Fire Fighting Procedures: No special fire fighting procedures.  
Unusual Fire And Explosion Hazards: None known.  
Hazardous Decomposition Products: May produce carbon monoxide, carbon dioxide.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition in the vicinity.  
Small spills may be wiped, large spills use inert absorbent material.

## SECTION 7: HANDLING AND STORAGE

Close containers when not in use; do not contaminate; if stored outdoors, use protective covering. Do not store in standing water. Do not reuse container. Store in a well-ventilated place. Keep cool.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components With Exposure Limits:

INGREDIENT:	Diacetone Alcohol	Oxaalkylalkanol*
CAS NO.:	123-42-2	34590-94-8
% WT:	>80	<10
OSHA PEL-TWA:	50ppm	100ppm
OSHA PEL-STEL:	N.E.	N.E. N.E. = Not Established
ACGIH TLV-TWA:	50ppm	100ppm (skin)
ACGIH TLV-STEL:	N.E.	150ppm (skin)

\*Otherwise known as "dipropylene glycol methyl ether" -OR- "bis-(2-methoxypropyl) ether -OR- "DPGME"

Engineering Controls: As required to provide normal air flow.  
Ventilation: Local exhaust is recommended.  
Respiratory Protection: Under normal use conditions a respirator should not be necessary, subject to local plant regulations; however, under conditions of excessive airborne concentrations, a NIOSH-approved respirator for organic vapors is recommended.  
Eye Protection: Safety glasses or splash-proof goggles or face shield recommended.  
Skin Protection: Chemical resistant gloves; latex or neoprene recommended.  
Other Protective Gear: Proper apparel to prevent unnecessary exposure to personnel.  
Work Hygienic Practices: Normal plant procedures. Wash hands upon leaving work area. Launder clothes before reuse.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, near colorless liquid
Odor:	Solvent
Odor threshold:	No data available
pH:	5 - 6 (10% solution)
Melting/freezing point:	Less than -40°C. or -40°F.
Initial boiling point and boiling range:	Greater than 340°F. or 171°C.
Flash point:	127°F. or 53°C. (ASTM D3278)
Evaporation rate (n-butyl acetate = 1):	Less than 0.2
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	Less than 1 mmHg @68°F./ 20°C.
Vapor density (Air = 1):	Less than 7
Relative density:	0.94 (7.8 pounds/gallon or 935 grams/liter)
Solubility:	Complete
Partition coefficient; n-octanol water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	3 cps

## SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	Low
Conditions to Avoid:	Welding arcs, open flame
Incompatibility (Material to Avoid):	Strong oxidizing agents
Hazardous Decomposition or By-Products:	May produce carbon monoxide, carbon dioxide.
Hazardous Polymerization:	Cannot occur.
Conditions to Avoid (Polymerization):	Not applicable.

## SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure:	Eyes, skin, ingestion and inhalation.
Acute Oral Toxicity Estimate:	Greater than 3000 mg/kg
Acute Dermal Toxicity Estimate:	Greater than 5000 mg/kg
Acute Inhalation Toxicity Estimate:	No data available
Acute Health Hazard Symptoms:	
Eyes:	May cause irritation.
Skin:	May cause irritation; defatting, dryness.
Ingestion:	Irritation of digestive tract, gastric disturbances.
Inhalation:	May cause irritation, nausea, headache, dizziness, drowsiness, reduced coordination, or unconsciousness.
Acute Health Hazards:	Skin, eyes and mucous membrane irritant; CNS depressant.
Skin Corrosion/Irritation:	No data available
Serious Eye Damage/Eye Irritation:	No data available
Respiratory or Skin Sensitization:	No data available
Germ Cell Mutagenicity:	No data available
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity Single Exposure:	No data available
Specific Target Organ Toxicity Repeated or Prolonged Exposure:	No data available
Aspiration Hazard:	No data available
Chronic Health Hazards:	Ingredients have shown liver, kidney and red blood cell effects in test animals.
Medical Conditions Generally Aggravated by Exposure:	Pre-existing skin disorders.
Carcinogenicity:	OSHA: No                      NTP: No                      IARC: No

## SECTION 12: ECOLOGICAL INFORMATION

No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

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## SECTION 14: TRANSPORT INFORMATION

U.S. Department Of Transportation (ground shipments):

Proper Shipping Name:            Hazard Class: ID Number: Packing Group: Label Statement:

ICC 437, no label required

Not regulated - Exception under 49 CFR §173.150.  
Emergency Response Guidebook: Guide 127

## SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:                                    All ingredients listed

CERCLA:                                Not applicable

SARA TITLE III:

313 Reportable Ingredients:    Not applicable

HAP's:                                    None

California Regulations:

PROP 65:                                Not applicable

SCAQMD Rule 443:                  Photochemically reactive

SCAQMD Rule 443:                  90% photochemically reactive solvents by volume

SCAQMD Rule 443.1:                916 g VOC/Liter or 7.64 pounds VOC/gallon

SCAQMD Rule 443.1:                Vapor pressure less than 0.9 mmHg @20°C.

International Regulations:        No data available

## SECTION 16: OTHER INFORMATION

HMIS Rating:                            HEALTH: 2    FLAMMABILITY: 2    REACTIVITY: 0

Preparation Information:            Prepared by Intercontinental Chemical Corporation on 5/29/2015

Disclaimer: Intercontinental Chemical Corporation believes that the data contained herein are factual, however no warranty, express or implied, is made concerning the accuracy of the information.