



SAFETY DATA SHEET

ICC 831 Ink Degradent™

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: ICC 831 Ink Degradent™
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 cleaner
Product Use: Cleans ink from screen printing mesh

SECTION 2: HAZARDS IDENTIFICATION

WARNING	Hazard Category	Hazard Classification
	2	Skin Corrosion / Irritation
	2A	Eye Damage / Irritation
	3	Specific Target Organ Toxicity (Single Exposure)

PICTOGRAM AND HAZARD STATEMENTS



Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

PREVENTION

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, protective clothing and eye or face protection.

RESPONSE

IF ON SKIN: Wash 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 skin irritation occurs or if eye irritation persists: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.

STORAGE: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

ICC 831 is a proprietary product; the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Ingredient :	Dibasic Esters	Glycol Ethers	Other additives
CAS#	1119-40-0	112-34-5	Proprietary
Weight%	>70	<20	>10

SECTION 4: FIRST AID MEASURES

If swallowed: Rinse mouth. Call a POISON CENTER, doctor or medical advice.
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 in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

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

Most Important Symptoms and Effects, Both Acute and Delayed:

This product may cause eye, skin, and respiratory tract irritation. High concentrations may cause blurry vision, headache, nausea. Ingestion would likely cause digestive tract irritation. One ingredient has shown liver, hematologic, and kidney effects.

Acute Health Hazard Symptoms:

Eyes: Irritation with possible blurry vision, tearing, discomfort, swelling, stinging, tearing, redness, corneal injury.
Skin: May cause irritation, rash, burning sensation, discomfort.
Ingestion or Inhalation: Irritation of digestive tract, gastric disturbances. May cause irritation (nose, throat, airways), blurring of vision, nausea, headache, or coughing.

Acute Health Hazards: Eye, skin and respiratory tract irritant, CNS depressant.

Chronic Effects: Prolonged or excessive inhalation may cause respiratory irritation. One ingredient has shown liver, hematologic, and kidney effects.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Limits in Air, (% By Volume): UPPER: Not determined. LOWER: Not determined.

Flash Point: Greater than 210° F. or 98.9°C.

Method Used: Pensky-Martins Closed Cup (PMCC)

Autoignition Temperature: Not determined.

NFPA 704 Standard: HEALTH: 1 FLAMMABILITY: 1 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 smoke, carbon monoxide, by-products or carbon and carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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 container tightly closed. Store locked up.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with Exposure Limits:

Chemical Diethylene glycol monobutyl ether
CAS# 112-34-5
ACGIH TWA; 10ppm (IFV) {Inhalable Fraction and Vapor}

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: Splash-proof goggles or a face shield is 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
Odor:	Solvent
Odor threshold:	No data available
pH:	5-6 (10% solution)
Melting/freezing point:	Not applicable
Initial boiling point and boiling range:	Greater than 400°F. or 188°C.
Flash point:	Greater than 210°F. or 98.9°C.
Evaporation rate (n-butyl acetate = 1):	Less than 0.1
Flammability:	Not data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	Less than 0.1mmHg @68°F./ 20°C.
Vapor density:	Less than 6 @ 20°C./ 68°F.
Relative density:	1.06 (8.91 pounds/gallon; 1068 grams/liter)
Solubility:	Partial
Partition coefficient; n-octanol water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

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:	Smoke, oxides of carbon.
Hazardous Polymerization:	Cannot occur.
Conditions to Avoid (Polymerization):	No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure:	Eyes, skin, inhalation, ingestion
Acute Oral Toxicity Estimate:	Greater than 4000 mg/kg
Acute Dermal Toxicity Estimate:	Greater than 4000 mg/kg
Acute Inhalation Toxicity Estimate:	No data available

Acute Health Hazard Symptoms:	
Eyes:	Irritation with possible blurry vision, tearing, discomfort, swelling, stinging, tearing, redness, corneal injury.
Skin:	May cause irritation, rash, burning sensation, discomfort.
Ingestion or Inhalation:	Irritation of digestive tract, gastric disturbances. May cause irritation (nose, throat, airways), blurring of vision, nausea, headache, or coughing.
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:	May cause respiratory irritation.
Specific Target Organ Toxicity Repeated or Prolonged Exposure:	No data available.
Aspiration Hazard:	No data available.

Chronic Effects:	Prolonged or excessive inhalation may cause respiratory irritation. One ingredient has shown liver, hematologic, and kidney effects.
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Medical Conditions Generally Aggravated by Exposure:	No data available.
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Carcinogenicity:	OSHA: No	NTP: No	IARC: No
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SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. Department Of Transportation:

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

ICC 831, no label required

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:

All ingredients listed

CERCLA:

Not applicable.

SARA TITLE III:

313 Reportable Ingredients: Glycol ethers N230 at 15% (upper bound by weight)

HAP's:

1.20 Lbs/Gallon

California Regulations:

Prop 65:

This product may contain chemicals known to the State of California to cause birth defects or other reproductive harm.

SCAQMD Rule 443:

Not applicable

SCAQMD Rule 443.1:

1052 g VOC/Liter or 8.78 pounds/gallon

SCAQMD Rule 443.1:

Vapor pressure <0.07 mmHg @20°C.

International Regulations:

No data available

SECTION 16: OTHER INFORMATION

HMIS Rating:

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

Preparation Information:

Prepared By Intercontinental Chemical Corporation on 5/27/2015

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.