



SAFETY DATA SHEET

ICC 782 Recirculation Product

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: ICC 782 Recirculation Product
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: Solvent Cleaners
Product Use: Recirculation liquid cleaner to remove graphic printing inks

SECTION 2: HAZARDS IDENTIFICATION

DANGER	Hazard Category	Hazard Classification
	1	Eye Damage / Irritation
	1B	Toxic To Reproduction
	2	Skin Corrosion / Irritation
	2	Specific Target Organ Toxicity (Single Exposure)
	2	Germ Cell Mutagenicity
	3	Specific Target Organ Toxicity (Single Exposure)
	3	Flammable Liquids
	4	Acute Toxicity - Inhalation

PICTOGRAM AND HAZARD STATEMENTS



Causes skin irritation. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. Flammable liquid and vapor. May damage fertility or the unborn child. May cause damage to organs (kidney, bladder, lung, hepatic system, liver). Suspected of causing genetic defects. Causes serious eye damage

PREVENTION

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, sparks, open flames or hot surfaces. No smoking.
Keep container tightly closed.
Ground, bond container and receiving equipment.
Use explosion-proof electrical, ventilating and lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust, fume, gas, mist, vapors or spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves and clothing. Also eye and face protection.

RESPONSE

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): Take off immediately all contaminated clothing. Wash with plenty of water or shower.
If skin irritation occurs: Get medical advice or attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF exposed or concerned: Call a POISON CENTER or doctor or Get medical advice or attention.
Immediately call a POISON CENTER or doctor if you feel unwell.
Take off contaminated clothing and wash clothing before reuse.
In case of fire: Use water spray, Class A, B, or C extinguishers to extinguish.

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

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

ICC 782 is a proprietary product; the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

INGREDIENT:	Esters & Glycol Ethers	Diacetone Alcohol	Oxaalkylalkanol*	Organic Amine	Cyclohexanone
CAS NO.:	Proprietary	123-42-2	34590-94-8	872-50-4	108-94-1
WEIGHT %:	>60	<25	<10	<10	<5

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:

May cause serious eye damage and irritation to skin and respiratory tract. High concentrations or ingestion may cause blurry vision, headache, nausea, CNS depression, digestive tract irritation. May damage liver, the hepatic system, bladder, lungs, kidneys, fertility or the unborn child. One item showed negative Ames test but lab in vitro tests with human fibroblast showed mutagenic effects.

Acute Health Hazard Symptoms:

Eyes: Irritation with potential blurry vision.
 Skin: May cause irritation.
 Ingestion and Inhalation: Irritation of digestive tract, gastric disturbances. May cause irritation, blurring of vision, nausea, coughing, headache, dizziness, drowsiness, reduced coordination, or unconsciousness.
 Acute Health Hazards: Skin, eyes and mucous membrane irritant; CNS depressant.

Chronic Effects: Some ingredients have shown reproductive, liver, kidney, lungs, bladder, developmental effects, germ cell mutagenicity and blood disorders.

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: Pensky-Martens Closed Cup (PMCC)
 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 smoke, carbon monoxide, carbon dioxide and oxides of nitrogen.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Eliminate 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 container tightly closed. Keep cool. Store locked up.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with Exposure Limits:

<u>INGREDIENT:</u>	<u>Esters & Glycol Ethers</u>	<u>Diacetone Alcohol</u>	<u>Oxaalkylalkanol*</u>	<u>Organic Amine</u>	<u>Cyclohexanone</u>
CAS NO.:	Proprietary	123-42-2	34590-94-8	872-50-4	108-94-1
OSHA PEL-TWA:	N.E.	50ppm	100ppm (skin)	N.E.	25ppm (skin)
ACGIH TLV-TWA:	N.E.	50ppm	100ppm (skin)	N.E.	20ppm (skin)
ACGIH TLV-STEL:	N.E.	N.E.	150ppm (skin)	N.E.	50ppm (skin)

N.E.

= Not Established *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:	No data available
Melting/freezing point:	No data available
Initial boiling point and boiling range:	Greater than 240°F. or 115°C.
Flash point:	127°F. or 53°C.
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 1.7 mmHg @68°F./ 20°C.
Vapor density (Air = 1):	Less than 5
Relative density:	0.96 (8.00 pounds/gallon or 959 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):	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure:	Eyes, skin, ingestion and inhalation.
Acute Oral Toxicity Estimate:	Greater than 4000 mg/kg
Acute Dermal Toxicity Estimate:	Greater than 2000 mg/kg
Acute Inhalation Toxicity Estimate:	No data available
Acute Health Hazard Symptoms:	
Eyes:	Irritation with potential blurry vision.
Skin:	May cause irritation.
Ingestion:	Irritation of digestive tract, gastric disturbances.
Inhalation:	May cause irritation, blurring of vision, nausea, coughing, 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

SECTION 11: TOXICOLOGICAL INFORMATION - Continued

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 Effects: Some ingredients have shown reproductive, liver, kidney, lungs, bladder, developmental effects, germ cell mutagenicity and blood disorders.

Medical Conditions Generally Aggravated By Exposure:
Possibly pre-existing eye disorders; existing dermatitis; cardiovascular and/or pulmonary insufficiency.

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.

SECTION 14: TRANSPORT INFORMATION

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

ICC 782, no label required

U.S. Department Of Transportation (ground shipments): Exception under 49 CFR §173.150.
Emergency Response Guidebook: Guide 127

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients listed
CERCLA: RQ - Cyclohexanone 5000 Lbs.
SARA TITLE III:
313 Reportable Ingredients: None
HAP's: Less than 4.3 Lbs/Gallon

California Regulations:

PROP 65: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.
SCAQMD Rule 443: Photochemically reactive
SCAQMD Rule 443: 22% photochemically reactive solvents by volume
SCAQMD Rule 443.1: 959 g VOC/Liter or 8.00 pounds VOC/gallon
SCAQMD Rule 443.1: Vapor pressure less than 1.7 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.