Intercontinental Chemical Corporation
4660 Spring Grove Avenue, Cincinnati, Ohio 45232 * 513-541-7100 * fax 513-541-6880

SAFETY DATA SHEET ICC 924 Liquid Haze Remover™

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name:	ICC 924 Liquid Haze Remover™
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:	Alkaline Cleaner
Product Use:	Helps clean stains from screen printing mesh

SECTION 2: HAZARDS IDENTIFICATION

DANGER	Hazard Category	Hazard Classification
	1	Eye Damage / Irritation
	1	Corrosive to metals
	1A	Skin Corrosion / Irritation
	2	Germ Cell Mutagenicity
	4	Acute Toxicity - Oral

PICTOGRAM AND HAZARD STATEMENTS

Harmful if swallowed. Suspected of causing genetic defects. Causes severe skin burns. Causes serious eye damage. May be corrosive to metals.

PREVENTION
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep only in original container.
Do not breathe dust, fume, gas, mist, vapors or spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves, clothing and eye or face protection.

RESPONSE
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Call a POISON CENTER or doctor if you feel unwell.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. 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.
IF exposed or concerned: Get medical advice or attention.
Immediately call a POISON CENTER or doctor.
Wash contaminated clothing before reuse.
Absorb spillage to prevent material-damage.

STORAGE: Store locked up. Store in corrosive resistant container with a resistant inner liner.

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

ICC 924 is a proprietary product; the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Ingredient :	Sodium Hydroxide	Solvents, water and additives
CAS#	1310-73-2	Proprietary
Wt %	<15	>85

SECTION 4: FIRST AID MEASURES

If swallowed:	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell.
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.

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

Most Important Symptoms and Effects, Both Acute and Delayed:

May cause serious eye damage, severe skin burns, and damage to any airway passage; other possible results could produce corrosive effects on organs or any other body areas, primarily due to caustic (high pH) nature of this product. Harmful if swallowed; ingestion would likely cause damage to any tissue contacted. Overexposure in laboratory animals from the solvent component has been suggested as a cause of mild liver effects and germ cell mutagenicity.

Acute Health Hazard Symptoms:

Eyes:	May cause severe irritation, tearing, stinging, swelling, redness, burns and/or permanent injury.
Skin:	May cause severe irritation, redness, rash, blistering, scaling, burns and/or tissue damage.
Ingestion and Inhalation:	May cause irritation, stomach or intestinal upset (nausea, vomiting, diarrhea), abdominal pain, burns to mouth, throat and digestive tract. May cause irritation, burns and/or tissue damage to nose, throat and air passages; cough, difficult breathing, lung damage.

Acute Health Hazards: Corrosive to skin, eyes and air passages; central nervous system (CNS) depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Chronic Health Hazards: Overexposure in laboratory animals from the solvent component has been suggested as a cause of mild liver effects and germ cell mutagenicity.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Limits in Air, (% by Volume):	UPPER: Not determined. LOWER: Not determined.
Flash Point:	Greater than 212°F. or 100°C.
Method Used:	Pensky-Martens Closed Cup (PMCC)
Autoignition Temperature:	Not determined.
NFPA 704 Standard:	HEALTH: 2 FLAMMABILITY: 1 INSTABILITY: 0
Extinguishing Media:	Water,CO2 (carbon dioxide), Dry chemical foam.
Special Fire Fighting Procedures:	No special fire fighting procedures.
Unusual Fire And Explosion Hazards:	None known.
Hazardous Decomposition Products:	Possible smoke, carbon monoxide, carbon dioxide, oxides of nitrogen, alkali fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spills may be neutralized with sodium bicarbonate, mopped up and/or collected on inert absorbent material for disposal.

SECTION 7: HANDLING AND STORAGE

Close containers when not in use; do not contaminate; rinse container before disposal, do not reuse; if stored outdoors, use protective covering. Store at ambient temperature. Store locked up. Store in corrosive-resistant container or one with a chemical-resistant inner liner.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with Exposure Limits:

Sodium hydroxide	CAS# 1310-73-2	OSHA PEL: 2 mg/m3	ACGIH TLV: 2 mg/m3

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 and 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:	Light to medium brown liquid
Odor:	Mild characteristic
Odor threshold:	No data available
pH:	Greater than 13
Melting/freezing point:	Less than 10°F. or -12°C.
Initial boiling point and boiling range:	Greater than 230°F. or 110°C.
Flash point:	Greater than 212°F. or 100°C.
Evaporation rate (water = 1) :	Less than 0.11
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	Less than 2.3 mmHg @68°F./ 20°C.
Vapor density:	Less than 4.2
Relative density:	1.1 (9.17 Lbs/Gallon or 1099 grams/Liter)
Solubility:	Complete
Partition coefficient; n-octanol water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	Less than 100 centipoise

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	Low
Conditions to Avoid:	Extreme temperatures.
Incompatibility (Material to Avoid):	Acidic material, soft metals.
Hazardous Decomposition or By-Products:	Possible smoke, carbon monoxide, carbon dioxide, oxides of nitrogen, alkali fumes.
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:	559 mg/kg LD50
Acute Dermal Toxicity Estimate:	Greater than 2000 mg/kg
Acute Inhalation Toxicity Estimate:	No data available

Acute Health Hazard Symptoms:

Eyes:	May cause severe irritation, tearing, stinging, swelling, redness, burns and/or permanent injury.
Skin:	May cause severe irritation, redness, rash, blistering, scaling, burns and/or tissue damage.
Ingestion and Inhalation:	May cause irritation, stomach or intestinal upset (nausea, vomiting, diarrhea), abdominal pain, burns to mouth, throat and digestive tract. May cause irritation, burns and/or tissue damage to nose, throat and air passages; cough, difficult breathing, lung damage.

Acute Health Hazards: Corrosive to skin, eyes and air passages; central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Chronic Health Hazards: Overexposure in laboratory animals from the solvent component has been suggested as a cause of mild liver effects and germ cell mutagenicity.

Medical Conditions Generally Aggravated By Exposure:
Pre-existing disorders of the liver, lungs (for example, asthma-like conditions, respiratory tract), skin; abrasions/cuts.

Skin Corrosion/Irritation:	pH >11.5
Serious Eye Damage/Eye Irritation:	pH >11.5
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

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

U.S. Department of Transportation:

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

UN1760, Corrosive Liquids, n.o.s. (contains Sodium Hydroxide), Class 8, Packing Group III

Emergency Response Guidebook: Guide 154

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:	All ingredients listed
CERCLA:	Sodium Hydroxide, RQ 1000 lbs.
SARA TITLE III:	
313 Reportable Ingredients:	Not applicable
HAP's:	None

California Regulations:

Prop 65	Not applicable
SCAQMD Rule 1171:	Not applicable
SCAQMD Rule 443:	Not Photochemically reactive
SCAQMD Rule 443.1:	824g VOC/Liter (6.88 Lbs/Gallon)
SCAQMD Rule 443.1:	Vapor pressure less than 0.03mmHg @20°C.

International Regulations: No data available

SECTION 16: OTHER INFORMATION

HMIS Rating: HEALTH: 2 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.