



SAFETY DATA SHEET

ICC 8332 Liquid Haze Remover™

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: ICC 8332 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 Cleaners
Product Use: Liquid Haze Remover

SECTION 2: HAZARDS IDENTIFICATION

DANGER	Hazard Category	Hazard Classification
	1	Eye Damage / Irritation
	1A	Skin Corrosion / Irritation
	1	Corrosive to Metals
	2	Toxic to Reproduction
	4	Acute Toxicity - Oral

PICTOGRAM AND HAZARD STATEMENTS



Harmful if swallowed. Suspected of damaging male fertility. Causes severe skin burns and 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, protective clothing, eye protection 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, if you feel unwell.
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 8332 is a proprietary product; the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Ingredient :	Potassium Hydroxide	Hydroxyheterocyclic solvent
CAS#	1310-58-3	97-99-4
Wt %	<10	>50

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 water or shower.
If inhaled: Remove person to fresh air and keep comfortable
If swallowed: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor, if you feel unwell.

Immediately seek medical attention if you feel unwell.
Wash contaminated clothing before reuse.

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

Most Important Symptoms and Effects, both Acute and Delayed:

Causes severe skin burns and damage to eyes, mucous membranes, airways. Overexposure may adversely affect specific organs and body areas as listed below. May be fatal if swallowed; ingestion would cause digestive tract irritation then tissue damage. Prolonged or repeated exposure may cause liver effects, decreased male fertility and developmental effects based on animal test data. Prolonged exposure may lead to central nervous system depression; visual disturbances.

Acute Health Hazard Symptoms:

Eyes: May cause severe irritation, tissue damage, burns, permanent injury.
Skin: May cause severe irritation, dermatitis, burns, tissue damage.
Ingestion and Inhalation: May cause irritation, burns to mouth, throat and gastrointestinal tract. May cause irritation, burns to nose, throat and respiratory tract, dizziness, blurred vision, pulmonary edema, nausea, vomiting, headaches, unconsciousness.

Acute Health Hazards: Corrosive to eyes, skin and respiratory system.

Chronic Health Hazards: Prolonged or repeated exposure may cause liver effects, decreased male fertility and developmental effects based on animal test data. Prolonged exposure may lead to central nervous system depression; visual disturbances.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Limits in Air, (% by Volume): UPPER: Not determined. LOWER: Not determined.
Flash Point: > 212°F. or 100°C.
Method Used: 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: Keep drums cool.
Unusual Fire And Explosion Hazards: None known.
Hazardous Decomposition Products: Possible smoke, carbon monoxide, carbon dioxide

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spills may be neutralized with sodium bicarbonate and collected on inert absorbent material for proper 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. Do not store in standing water. Store at ambient temperature.
Store locked up. Store in corrosive resistant container with a resistant inner liner.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA PEL and ACGIH TLV Ceiling: Potassium Hydroxide 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/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:	Amber liquid
Odor:	Mild characteristic
Odor threshold:	No data available
pH:	Greater than 13
Melting/freezing point:	Approximately -40°F. (-40°C.)
Initial boiling point and boiling range:	Greater than 300°F. or 148°C.
Flash point:	> 212°F. or 100°C. (PMCC)
Evaporation rate (water = 1):	Less than 1
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	Less than 1.0 mmHg @68°F./ 20°C.
Vapor density:	Greater than 1 @ 68°F./ 20°C.
Relative density:	1.1 (9.0 pounds/gallon or 1083 grams/Liter)
Solubility:	Complete
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:	Extreme temperatures
Incompatibility (Material to Avoid):	Acidic material, soft metals
Hazardous Decomposition or By-Products:	Smoke, oxides of carbon, oxides of nitrogen
Hazardous Polymerization:	Cannot occur.
Conditions to Avoid (Polymerization):	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure:	Eyes, skin, inhalation, ingestion
Acute Oral Toxicity Estimate:	1181 mg/kg
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, tissue damage, burns, permanent injury.
Skin:	May cause severe irritation, dermatitis, burns, tissue damage.
Ingestion and Inhalation:	May cause irritation, burns to mouth, throat and gastrointestinal tract. May cause irritation, burns to nose, throat and respiratory tract, dizziness, blurred vision, pulmonary edema, nausea, vomiting, headaches, unconsciousness.
Acute Health Hazards:	Corrosive to eyes, skin and respiratory system.
Chronic Health Hazards:	Prolonged or repeated exposure may cause liver effects, decreased male fertility and developmental effects based on animal test data. Prolonged exposure may lead to central nervous system depression; visual disturbances.
Medical Conditions Generally Aggravated By Exposure:	Pre-existing skin disorders.
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:

Corrosive Liquids, n.o.s. (contains Potassium Hydroxide), Class 8, UN1760, Packing Group III., ICC 8332

Emergency Response Guidebook: Guide 154

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:	All ingredients listed
CERCLA:	Potassium Hydroxide, RQ-1000 lbs.
SARA TITLE III:	
313 REPORTABLE INGREDIENTS:	Not applicable
HAP's:	None

California Regulations:

Prop 65:	Not applicable
SCAQMD Rule 443:	Not applicable
SCAQMD Rule 443.1:	831 g VOC/Liter (6.93 Lbs/Gallon)
SCAQMD Rule 443.1:	Vapor pressure Less than 0.6 mmHg @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 7/20/2015.

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.