



SAFETY DATA SHEET

ICC 763 Aqua-Bloc™

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: ICC 763 Aqua-Bloc™
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: Water-soluble polymers
Product Use: Blocks out area on screen printing mesh

SECTION 2: HAZARDS IDENTIFICATION

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

PICTOGRAM AND HAZARD STATEMENTS



Causes skin irritation. May cause respiratory irritation. Flammable liquid and vapor. Causes eye irritation.

PREVENTION

Keep away from heat, sparks, open flames or 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; and eye or face protection.

RESPONSE

IF ON SKIN: Wash with plenty of water or shower.
IF ON SKIN (or hair): Take off immediately all contaminated clothing.
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 eye irritation persists or If skin irritation occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
Call a POISON CENTER or doctor if you feel unwell.
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 763 AQUA-BLOC is a proprietary product; the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

INGREDIENT:	Synergistic Aqueous Blend	Ethyl Alcohol (Ethanol)
CAS NO.:	Proprietary	64-17-5
% WT:	>95	<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 material damage.

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

Most Important Symptoms and Effects, Both Acute and Delayed:

May cause eye, skin and respiratory irritation. {See Section 11 for extensive details on ethanol, the primary solvent in this product}

Acute Health Hazard Symptoms:

Eyes: May cause irritation.
Skin: May cause irritation.
Ingestion: May be irritating to digestive tract.
Inhalation: May be irritating to respiratory tract.

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

Chronic Effects: No data available

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Limits in Air, (% by Volume) UPPER: Not determined. LOWER: Not determined.
Flash Point: 122°F. or 50°C.
Method Used: ASTM D3278
Autoignition Temperature: Not determined.
NFPA 704 Standard: HEALTH: 1 FLAMMABILITY: 2 INSTABILITY: 0
Extinguishing Media: Water spray, 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: In major fire, may produce smoke, fumes, carbon monoxide, carbon dioxide

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.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components With Exposure Limits:

CHEMICAL: Ethyl alcohol (Ethanol)
CAS# 64-17-5
OSHA PEL-TWA: 1000ppm
ACGIH TLV-STEL: 1000ppm

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/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:	Dark blue, opaque, liquid
Odor:	Mild solvent
Odor threshold:	No data available
pH:	5 - 6
Melting/freezing point:	No data available
Initial boiling point and boiling range:	Greater than 212°F. or 100°C.
Flash point:	122°F. or 50°C.
Evaporation rate (n-butyl acetate = 1):	Less than 1
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	Similar to water, ~17 mmHg @68°F. / 20°C.
Vapor density (Air = 1):	Similar to water
Relative density:	1.02 (8.50 pounds/gallon or 1019 grams/liter)
Solubility:	Complete dispensability
Partition coefficient; n-octanol water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	Less than 8000 cps

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable
Reactivity:	No data available
Conditions to Avoid:	Welding arcs, open flame
Incompatibility (Material to Avoid):	Strong oxidizing agents
Hazardous Decomposition or By-Products:	In major fire, may produce smoke, fumes, carbon monoxide, carbon dioxide
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 5000 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 dryness.
Ingestion:	May cause irritation of digestive tract, gastric disturbances.
Inhalation:	May cause respiratory tract irritation, nausea, headache, dizziness, drowsiness, reduced coordination, or unconsciousness.

Acute Health Hazards: (See details* below related to main solvent, ETHANOL)

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 Effects: See details* below

Medical Conditions Generally Aggravated By Exposure: No data available
Carcinogenicity: OSHA: No NTP: No IARC: No

(continued from CHRONIC EFFECTS above, detailed here):

*CONCENTRATED ETHANOL (i.e. 100% active), AS USED IN THIS PRODUCT, CARRIES THE FOLLOWING HAZARDS:

ACUTE HEALTH HAZARDS: May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, and may add to toxic effects from breathing or swallowing. Swallowing this material may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury. Exposure causes severe irritation of the gastrointestinal tract. Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected until reaching exposure limits in Section 8. above.

AGGRAVATED MEDICAL CONDITIONS AND ASSOCIATED TARGET ORGANS: Pre-existing disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (example, asthma-like conditions), liver, kidney, central nervous system, pancreas, heart, nervous system, eye. Exposure may aggravate any pre-existing condition sensitive to a decrease in available oxygen, such as chronic lung disease, coronary artery disease or anemias. Individuals with pre-existing heart disorders may be more susceptible to arrhythmias (irregular heartbeats) if exposed to high concentrations of this material.

SECTION 11: TOXICOLOGICAL INFORMATION - (continued)

SYMPTOMS: Signs and symptoms of exposure to ethanol through breathing, swallowing, and/or passage of material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), cough, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), muscle cramps, involuntary eye movement, low blood pressure, pain in the abdomen and lower back, mild, temporary changes in the liver, effects on heart rate, respiratory depression (slowing of the breathing rate), blurred vision, shortness of breath, loss of coordination, confusion, irregular heartbeat, cyanosis (causes blue coloring of the skin and nails from lack of oxygen), anesthesia, lung edema (fluid buildup in the lung tissue), kidney damage, visual impairment (including blindness), respiratory failure, coma, and death.

Laboratory animals have shown the following effects: nervous system damage, pancreatic damage, eye damage, kidney damage, liver damage, lung damage, central nervous system damage, brain damage, testis damage. Note: Overexposure to ethanol or its components has been suggested as a cause of effects in humans: eye damage, visual impairment, liver damage. The International Agency for Research on Cancer (IARC) has determined that exposure to ethanol through chronic human consumption of alcoholic beverages can cause cancer. The relevance of this finding to ethanol exposure in industrial environments is uncertain. Ethanol or a component thereof has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain. Methanol has caused birth defects in laboratory animals, but only when inhaled at extremely high high vapor concentrations. The relevance of this finding to humans is uncertain. Further note: Alcoholic beverage consumption has been associated with birth defects in humans; the relevance of this finding to ethanol exposure in industrial environments is uncertain

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 763, no label required

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:	Not applicable
SARA TITLE III:	
313 Reportable Ingredients:	Not applicable
HAP's:	Less than 0.04 Lbs/Gallon

California Regulations:

PROP 65:	Trace amounts, not quantified in component ingredients.
SCAQMD Rule 443:	Not Photochemically reactive
SCAQMD Rule 443.1:	50g VOC/Liter or 0.42 pounds VOC/gallon
SCAQMD Rule 443.1:	Vapor pressure less than 5 mmHg @20°C. which excludes the contribution from water vapor.

International Regulations: No data available

SECTION 16: OTHER INFORMATION

HMIS Rating: HEALTH: 1 FLAMMABILITY: 2 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.