



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT **ICC 938 Blue MAC™**

Effective: 10/26/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ICC 938 Blue MAC (Mechanically Accelerated Cleaner)**
 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)**
 FAX PHONE: **513-541-6880**
 CHEMICAL FAMILY: **Solventized Cleaners**
 PRODUCT USE: **Stain Remover**
 PREPARED BY: **Intercontinental Chemical Corporation**

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

ICC 938 MAC is a proprietary liquid product; specific ingredients are withheld as trade secret information.

N.E. = Not Established

<u>INGREDIENT:</u>	<u>Dibasic Ester</u>	<u>Oxaalkylalkanol</u>	<u>Organic amine</u>	<u>Cyclohexanone</u>
CAS NO.:	1119-40-0	34590-94-8 *	872-50-4	108-94-1
% WT:	>50	<15	<10	<5
OSHA PEL-TWA:	N.E.	100ppm	N.E.	25ppm (skin)
OSHA PEL-STEL:	N.E.	150ppm	N.E.	N.E.
ACGIH TLV-TWA:	N.E.	100ppm	N.E.	20ppm (skin)
ACGIH TLV-STEL:	N.E.	150ppm	N.E.	50ppm (skin)

* "Dipropylene glycol methyl ether" OR "bis-(2-methoxypropyl) ether" OR "DPGME"

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Avoid contact with skin, eyes or mucous membranes.
 May be irritating to skin, eyes and respiratory tract.
 Harmful if swallowed.

ROUTES OF ENTRY: Eyes, Skin, Inhalation, Ingestion.

POTENTIAL HEALTH EFFECTS

EYES: Irritation with potential blurry vision; stinging, swelling, tearing, redness; grit in eye can cause damage.

SKIN: May cause irritation; redness, dermatitis, drying & cracking of skin.

INGESTION: Irritation of digestive tract, gastric/intestinal disturbances.

INHALATION: May cause irritation, blurring of vision, nausea, headache, dizziness, drowsiness, reduced coordination, unconsciousness, upper respiratory (nose and throat) irritation.

ACUTE HEALTH HAZARDS: Skin, eyes and mucous membrane irritant; CNS depressant.

CHRONIC HEALTH HAZARDS: Prolonged or repeated exposure has been reported to cause liver and kidney damage based on animal test data. Another ingredient has shown reproductive, developmental, liver and kidney effects in test animals.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing disorders of the eye, skin, liver, kidney, respiratory tract, blood forming system, lung (example: asthma-like conditions).

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush with water for 15 minutes or longer.

SKIN: Wash with water for 15 minutes or longer.

INGESTION: Rinse mouth thoroughly and drink water or milk, as appropriate.
 Obtain medical attention.

INHALATION: Remove to fresh air. Obtain medical attention if necessary.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None known

SECTION 4 NOTES: If irritation is evident, obtain medical attention.



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SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME):	UPPER: Not Determine	LOWER: Not Determined	
FLASH POINT:	195°F.	OSHA Class IIIA	
METHOD USED:	ASTM D 3278		
AUTOIGNITION TEMPERATURE:	Not determined		
NFPA HAZARD CLASSIFICATION:	HEALTH: 1	FLAMMABILITY: 2	REACTIVITY: 0
HMIS HAZARD CLASSIFICATION:	HEALTH: 1	FLAMMABILITY: 2	REACTIVITY: 0
EXTINGUISHING MEDIA:	Water or class A, B, or C extinguishers		
SPECIAL FIRE FIGHTING PROCEDURES:	No special fire fighting procedures.		
HAZARDOUS DECOMPOSITION PRODUCTS:	Possibly smoke, particulate matter, carbon monoxide, carbon dioxide, oxides of nitrogen.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known		

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Eliminate all sources of ignition in the vicinity.
Small spills may be wiped; large spills, use inert absorbent material.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:	Close containers when not in use; do not contaminate; if stored outdoors, use protective covering; do not store in standing water.
OTHER PRECAUTIONS:	Do not reuse container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	As required to provide normal air flow.
VENTILATION :	Local exhaust is recommended.
RESPIRATORY PROTECTION:	Where potential exposure to high vapor concentrations exists, a NIOSH-approved respirator for organic vapors is recommended.
EYE PROTECTION:	Safety glasses or splash-proof goggles recommended.
SKIN PROTECTION:	Chemical resistant gloves 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:	Blue slurry
ODOR:	Solvent
PHYSICAL STATE:	Liquid
pH:	6 - 8 (10% solution)
BOILING POINT:	>310°F.
MELTING POINT:	Not applicable
FREEZING POINT:	<-40°C.
VAPOR PRESSURE (mmHg):	<0.3 @ 20°C.
VAPOR DENSITY (AIR = 1):	<5
POUNDS PER GALLON:	9
SPECIFIC GRAVITY:	~1.07
VISCOSITY:	Pourable
EVAPORATION RATE (n-butyl acetate = 1):	<0.1
SOLUBILITY IN WATER:	Partial
VOLATILE ORGANIC COMPOUNDS (VOC):	[see specific State data in Section 15]



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SECTION 10: STABILITY AND REACTIVITY

STABILITY:

X	Stable	-or-		Unstable
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CONDITIONS TO AVOID (STABILITY): Welding arcs, open flame

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Possibly smoke, particulate matter, carbon monoxide, carbon dioxide, oxides of nitrogen.

HAZARDOUS POLYMERIZATION: Cannot occur

CONDITIONS TO AVOID (POLYMERIZATION): Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No data available.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available.
Contains no EPA Persistent Bioaccumulative Toxic (PBT) chemicals, no petroleum or photochemically reactive solvents.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME / HAZARD CLASS / ID NUMBER / PACKING GROUP / LABEL STATEMENT:
U.S. DEPARTMENT OF TRANSPORTATION: Not Regulated

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
TSCA (TOXIC SUBSTANCE CONTROL ACT): All ingredients listed
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Cyclohexanone RQ5000
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):
313 REPORTABLE INGREDIENTS: Organic amine at 10% (upper bound by weight)
HAP's (HAZARDOUS AIR POLLUTANTS): De minimus

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: 856g VOC/Liter
SCAQMD Rule 443.1: Vapor pressure less than 0.3 mmHg @20°C.

INTERNATIONAL REGULATIONS: Unknown

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

PREPARATION INFORMATION: Prepared by Intercontinental Chemical Corporation

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.