

MATERIAL SAFETY DATA SHEET
SECTION I – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: C-FOAM

MANUFACTURERS NAME:

CP INDUSTRIES LTD.
PO BOX 300, 535 DICKSON DR.,
FERGUS, ONTARIO N1M 2W8

EMERGENCY TELEPHONE NUMBER: (613) 996-6666

Non-Office Hours, Weekends, or Holidays – (CANUTEC) Call Collect

SUPPLIERS NAME:

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CHEMICAL NAME

Not Applicable

CHEMICAL FAMILY

Caustic Alkali

CHEMICAL FORMULA

Not Applicable

MOLECULAR WEIGHT

Not Applicable

TRADE NAME AND SYNONYMS

Not Available

MATERIAL USE

Cleaning/Sanitizing

WHMIS CLASS

E D2B

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION %	C.A.S.N.A.	“EXPOSURE LIMITS”	LD50/LC50 SPECIFY SPECIES & ROUTE
Potassium Hydroxide	7 – 13	1310-58-3	ACGIH TLV 2mg/m Ceiling	LD50 365 mg/kg (oral/rat)
Sodium Hypochlorite	1 - 5	7681-52-9	STEL (ACGIH) 1 ppm as Chlorine	Not Available
Lauryl Dimethyl Amine Oxide	1 – 5	1643-20-5	Not Available	Not Available

SECTION III – PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE

GAS LIQUID X SOLID

VAPOUR PRESSURE (mm)

Not Available

FREEZING POINT (°C)

0°C approx.

ODOUR AND APPEARANCE

Clear, colourless to slightly yellow liquid

VAPOUR DENSITY (Air=1)

Not Available

SOLUBILITY IN WATER

Complete

ODOUR THRESHOLD

Not Available

EVAPORATION RATE

Not Available

% VOLATILE (by volume)

85% approx.

SPECIFIC GRAVITY

1.18

BOILING POINT (°C)

100°C approx.

pH

13.5

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available

SECTION IV – FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHAT CONDITIONS

YES NO X

MEANS OF EXTINCTION: As for surrounding fire.

SPECIAL PROCEDURES: Wear self-contained breathing apparatus and full protective clothing.

FLASHPOINT (°C) AND METHOD: Not Applicable **AUTO IGNITION TEMPERATURE (°C):** Not Applicable

UPPER EXPLOSION LIMIT (% BY VOLUME): Not Applicable

LOWER EXPLOSION LIMIT (% BY VOLUME): Not Applicable

HAZARDOUS COMBUSTION PRODUCTS: Chlorine gas, Oxides of Phosphorus and Carbon

EXPLOSION DATA SENSITIVITY TO MECHANICAL IMPACT: Not Applicable

RATE OF BURNING

Not Applicable

EXPLOSIVE POWER

Not Applicable

SENSITIVITY TO STATIC DISCHARGE

Not Applicable

SECTION V – REACTIVITY DATA

CHEMICAL STABILITY IF NO, UNDER WHAT CONDITIONS?

YES X NO

INCOMPATIBILITY TO OTHER SUBSTANCES

YES X NO

IF SO, WHICH ONES?

Strong acids and soft metals.

REACTIVITY AND UNDER WHAT CONDITIONS:

Contact with acids will generate heat and toxic chlorine gas.

Contact with soft metals will generate flammable hydrogen gas.

HAZARDOUS DECOMPOSITION PRODUCTS:

See above.

MATERIAL NAME: C-FOAM

SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCT

ROUTE OF ENTRY

SKIN CONTACT:	X	SKIN ABSORPTION:		EYE CONTACT:	X
INHALATION ACUTE:	X	INHALATION CHRONIC:		INGESTION:	X

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

EYE: CORROSIVE. May cause permanent damage if not treated promptly.
SKIN: CORROSIVE. May cause irritation.
INHALATION: CORROSIVE. Breathing mist or spray may cause severe irritation of the respiratory tract.
INGESTION: CORROSIVE. May cause irritation to digestive tract.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Repeated or prolonged exposure may cause drying and cracking of skin.

LD50 OF PRODUCT (SPECIFY SPECIES & ROUTE)	IRRITANCY OF PRODUCT	EXPOSURE LIMITS OF PRODUCT	
Not Available	Moderate	Not Available	
LC50 OF PRODUCT (SPECIFY SPECIES)	SENSITIZATION TO PRODUCT	SYNERGISTIC MATERIALS	
Not Available	Not Applicable	Not Applicable	
CARCINOGENICITY	REPRODUCTIVE EFFECTS	TERATOGENICITY	MUTAGENICITY
Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION VII – PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES	RESPIRATORY (SPECIFY)	EYE (SPECIFY)
Rubber	Not required under adequate ventilation	Safety Goggles

FOOTWEAR (SPECIFY)	CLOTHING (SPECIFY)	OTHER (SPECIFY)
Rubber	Coveralls as required	

ENGINEERING CONTROLS (E.G. VENTILATION, ENCLOSED PROCESS, (SPECIFY): Local exhaust ventilation.

LEAK AND SPILL PROCEDURE: Do not allow spilled product to go to drain. Mop up or soak up with non-combustible material. Flush spill area with water.

WASTE DISPOSAL: Dispose of according to local, provincial, and federal regulations.

HANDLING PROCEDURES & EQUIPMENT: Avoid contact with skin, eyes, and clothing. Avoid contact with acids and soft metals.

STORAGE REQUIREMENTS: Store in a cool, dry, well-ventilated place in a closed container.

SPECIAL SHIPPING INFORMATION: Not applicable.

SECTION VIII – FIRST AID PROCEDURES

SKIN: Wash with soap and water. Seek medical attention.
EYE: Immediately flush eyes with water for at least 15 minutes. Seek medical attention immediately.
INHALATION: Remove patient to fresh air.
INGESTION: DO NOT induce vomiting. Seek medical attention immediately.
GENERAL ADVICE: None

SECTION IX – PREPARATION DATE OF MSDS

ADDITIONAL INFORMATION/COMMENTS: None

SOURCES USED: Supplier MSDS

PREPARED BY: CP INDUSTRIES LTD. **PHONE NUMBER:** (519) 843-6300 **DATE:** January 2, 2013