

**MATERIAL SAFETY DATA SHEET**  
**SECTION I – MATERIAL IDENTIFICATION AND USE**

**MATERIAL NAME: FOAMING ACID SANITIZER**

**MANUFACTURERS NAME:**

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

**EMERGENCY TELEPHONE NUMBER:** (613) 996-6666

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

**CHEMICAL NAME**

Not Applicable (Mixture)

**MOLECULAR WEIGHT**

Not Applicable

**CHEMICAL FAMILY**

Acid

**TRADE NAME AND SYNONYMS**

Not Available

**SUPPLIERS NAME:**

CP INDUSTRIES LTD.  
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FERGUS, ONTARIO N1M 2W8

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**CHEMICAL FORMULA**

Not Applicable

**MATERIAL USE**

Descaler/Sanitizer

**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
Phosphoric Acid	10 – 30	7664-38-2	TLV (ACGIH) 1mg/m <sup>3</sup>	LD 50 1530 mg/kg (oral/rat)
Alcohol Ethoxylate	1 – 5	68131-39-5	Not Available	LD 50 2000 mg/kg (oral/rat)
Alkyl Dimethyl Benzyl Ammonium Chloride	1 – 5	68424-85-1	Not Available	LD 50 426 mg/kg (oral/rat)

**SECTION III – PHYSICAL DATA FOR MATERIAL**

**PHYSICAL STATE**

**GAS LIQUID X SOLID**

**VAPOUR PRESSURE (mm)**

Not Available

**FREEZING POINT (°C)**

Not Available

**COEFFICIENT OF WATER/OIL DISTRIBUTION:** Not Available

**ODOUR AND APPEARANCE**

Clear Colourless to light yellow Liquid

**VAPOUR DENSITY (Air=1)**

Not Available

**SOLUBILITY IN WATER**

Complete

**ODOUR THRESHOLD**

Not Applicable

**EVAPORATION RATE**

Not Available

**% VOLATILE (by volume)**

80% (approx.)

**SPECIFIC GRAVITY**

1.1

**BOILING POINT (°C)**

110°C (approx.)

**pH**

2 (1% soln)

**SECTION IV – FIRE AND EXPLOSION DATA**

**FLAMMABILITY**

YES NO X

**IF YES, UNDER WHAT CONDITIONS**

**MEANS OF EXTINCTION:**

As for surrounding fire

**SPECIAL PROCEDURES:**

Wear self-contained breathing apparatus and protective clothing.

**FLASHPOINT (°C) AND METHOD:** None

**AUTO IGNITION TEMPERATURE (°C):** Not Applicable

**UPPER EXPLOSION LIMIT (% BY VOLUME):** Not Applicable

**LOWER EXPLOSION LIMIT (% BY VOLUME):** Not Applicable

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and phosphorous.

**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**

YES X NO

**IF NO, UNDER WHAT CONDITIONS?**

**INCOMPATIBILITY TO OTHER SUBSTANCES**

YES X NO

**IF SO, WHICH ONES?**

Bleach and strong alkalis

**REACTIVITY AND UNDER WHAT CONDITIONS:**

Contact with bleach generates toxic gas (chlorine). Contact with strong alkalis generates heat.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

See above

**MATERIAL NAME: FOAMING ACID SANITIZER**

**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 severe irritation.  
**INHALATION:** Inhalation of mist or spray may cause severe irritation of respiratory tract.  
**INGESTION:** CORROSIVE. May cause severe irritation to digestive tract.

**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:** None known

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

**SECTION VII – PREVENTATIVE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT**

<b>GLOVES</b>	<b>RESPIRATORY (SPECIFY)</b>	<b>EYE (SPECIFY)</b>
Rubber	Not required under adequate ventilation	Safety goggles
<b>FOOTWEAR (SPECIFY)</b>	<b>CLOTHING (SPECIFY)</b>	<b>OTHER (SPECIFY)</b>
Rubber shoes as required	Coveralls as required	Not Applicable

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

**LEAK AND SPILL PROCEDURE:** Contain the spill. Do not allow spilled material to go to drain. Mop up or soak with absorbent material for disposal. Flush spill area with water.  
**WASTE DISPOSAL:** Dispose of according to local, provincial, and federal regulations.  
**HANDLING PROCEDURES & EQUIPMENT:** Do not mix with bleach or strong alkalis.  
**STORAGE REQUIREMENTS:** Store in a cool, dry place in a closed container.  
**SPECIAL SHIPPING INFORMATION:** Not Applicable.

**SECTION VIII – FIRST AID PROCEDURES**

**SKIN:** Wash with soap and water. If irritation develops, seek medical attention.  
**EYE:** Flush eyes with water for at least 15 minutes. Hold eyelids open while flushing. 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:** No additional information.

**SOURCES USED:** Supplier MSDS

**PREPARED BY:** CP INDUSTRIES LTD.      **PHONE NUMBER:** (519) 843-6300      **DATE:** January 1, 2016