

MATERIAL SAFETY DATA SHEET
SECTION I – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: ALL PURPOSE COOLER CLEANER

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:

CP INDUSTRIES LTD.
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CHEMICAL NAME Not Applicable	CHEMICAL FAMILY Solvent Solution	CHEMICAL FORMULA Not Applicable	WHMIS CLASS B2 D2B
MOLECULAR WEIGHT Not applicable	TRADE NAME AND SYNONYMS Not Available	MATERIAL USE Cooler Cleaner	

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION %	C.A.S.N.A.	“EXPOSURE LIMITS”	LD50/LC50 SPECIFY SPECIES & ROUTE
n-Propyl Alcohol	10 – 30	71-23-8	TLV (ACGIH) 200 ppm TWA (Skin)	LD50 1870 mg/kg (oral/rat)
Diisopropanolamine	1 – 5	110-97-4	Not Available	LD50 6720 mg/kg (oral/rat)
Propylene Glycol Monomethyl Ether	15 – 40	107-98-2	TLV (ACGIH) 100 ppm TWA	LD50 5210 mg/kg (oral/rat)

SECTION III – PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE GAS LIQUID X SOLID VAPOUR PRESSURE (mm) Not Available	ODOUR AND APPEARANCE Clear Colourless to very Light Yellow Liquid	ODOUR THRESHOLD Not Available	SPECIFIC GRAVITY 0.96
FREEZING POINT (°C) -40°C (Approx.)	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE Not Available	BOILING POINT (°C) 95°C
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available	SOLUBILITY IN WATER Soluble	% VOLATILE (by volume) 96% (approx.)	pH 9.4

SECTION IV – FIRE AND EXPLOSION DATA

FLAMMABILITY **IF YES, UNDER WHAT CONDITIONS**
YES X NO Ignited by heat, spark or open flame.

MEANS OF EXTINCTION: Foam, dry chemical, carbon dioxide or water spray.

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

FLASHPOINT (°C) AND METHOD: 33°C (CC) **AUTO IGNITION TEMPERATURE (°C):** Not Available

UPPER EXPLOSION LIMIT (% BY VOLUME): Not Available

LOWER EXPLOSION LIMIT (% BY VOLUME): Not Available

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon (monoxide and dioxide)

EXPLOSION DATA SENSITIVITY TO MECHANICAL IMPACT: Not Available

RATE OF BURNING Not Available	EXPLOSIVE POWER Not Available	SENSITIVITY TO STATIC DISCHARGE Not Available
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SECTION V – REACTIVITY DATA

CHEMICAL STABILITY **IF NO, UNDER WHAT CONDITIONS?**
YES X NO

INCOMPATIBILITY TO OTHER SUBSTANCES **IF SO, WHICH ONES?**
YES X NO Strong oxidizing agents.

REACTIVITY AND UNDER WHAT CONDITIONS: Not dangerously reactive.

HAZARDOUS DECOMPOSITION PRODUCTS: See Combustion Products.

MATERIAL NAME: ALL PURPOSE COOLER CLEANER

SECTION VI – TOXICOLOGICAL PROPERTIES OF PRODUCT

ROUTE OF ENTRY

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

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

EYE: May cause severe irritation. May cause temporary or permanent damage if not treated promptly.
SKIN: May cause irritation.
INHALATION: May cause irritation of the respiratory tract or acute nervous system depression, headache, dizziness, staggering gait, confusion and unconsciousness.
INGESTION: May cause irritation to digestive tract.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Reports have associated repeated or prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

LD50 OF PRODUCT (SPECIFY SPECIES & ROUTE) Not Available	IRRITANCY OF PRODUCT Medium	EXPOSURE LIMITS OF PRODUCT Not Available
LC50 OF PRODUCT (SPECIFY SPECIES) Not Available	SENSITIZATION TO PRODUCT Not Applicable	SYNERGISTIC MATERIALS None Known
CARCINOGENICITY Not Applicable	REPRODUCTIVE EFFECTS None Known	TERATOGENICITY None Known
		MUTAGENICITY None Known

SECTION VII – PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES Rubber	RESPIRATORY (SPECIFY) Wear a chemical respirator approved for organic vapours during application and until work area has been exhausted of all vapours.	EYE (SPECIFY) Safety goggles
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FOOTWEAR (SPECIFY) Not Applicable	CLOTHING (SPECIFY) Long sleeves	OTHER (SPECIFY) Not Applicable
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ENGINEERING CONTROLS (E.G. VENTILATION, ENCLOSED PROCESS, (SPECIFY): Local exhaust
LEAK AND SPILL PROCEDURE: Remove all sources of ignition. Soak up with noncombustible absorbent material (sand, earth). Scrub spill area with soap and water.

WASTE DISPOSAL: Dispose of according to local, provincial, and federal regulations.
HANDLING PROCEDURES & EQUIPMENT: Do not expose to heat, spark or open flames. Keep away from strong oxidizers. Skin contact at subfreezing conditions will cause frostbite.
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.
EYE: Flush eyes with water for at least 15 minutes. Seek medical attention.
INHALATION: Remove patient to fresh air. Seek medical attention.
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