

MATERIAL SAFETY DATA SHEET
SECTION I – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: CHAIN LUBE

MANUFACTURERS NAME:

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

SUPPLIERS 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

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CHEMICAL NAME Not Applicable	CHEMICAL FAMILY Fatty Soap	CHEMICAL FORMULA Not Applicable	WHMIS CLASS D2B B3
MOLECULAR WEIGHT Not Applicable	TRADE NAME AND SYNONYMS Not Available	MATERIAL USE Lubricant	

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION %	C.A.S.N.A.	“EXPOSURE LIMITS”	LD50 / LC50 SPECIFY SPECIES & ROUTE
EDTA	3 – 7	64-02-8	Not Available	LD50 1000 mg/kg (oral/rat)
Isopropyl Alcohol	1 - 5	67-63-0	TLV 400 ppm	LD50 5045 mg/kg (oral/rat) LC50 16000 ppm/4 hr. (inhalation/rat)
Potassium Soap	7 – 13	27176-87-0	Not Available	Not Available

SECTION III – PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE GAS LIQUID X SOLID	ODOUR AND APPEARANCE Clear straw to light amber liquid	ODOUR THRESHOLD Not Available	SPECIFIC GRAVITY 1.04
VAPOUR PRESSURE (mm) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE Not Available	BOILING POINT (°C) Not Available
FREEZING POINT (°C) Not Available	SOLUBILITY IN WATER Soluble	% VOLATILE (by volume) 60% approx.	pH 10 – 10.5

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available

SECTION IV – FIRE AND EXPLOSION DATA

FLAMMABILITY **IF YES, UNDER WHAT CONDITIONS**
 YES NO X Combustible if heated.

MEANS OF EXTINGUISHMENT: Foam, dry chemical or water spray.
SPECIAL PROCEDURES: Wear self-contained breathing apparatus and protective clothing.

FLASH POINT (°C) AND METHOD: 50°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 and nitrogen.
EXPLOSION DATA SENSITIVITY TO MECHANICAL IMPACT: Not Applicable

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 NO X Strong Oxidizing Agents.

REACTIVITY AND UNDER WHAT CONDITIONS: Not Applicable

HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable

MATERIAL NAME: CHAIN LUBE

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: May cause temporary or permanent damage if not treated promptly.
SKIN: May cause irritation.
INHALATION: May cause irritation of respiratory tract.
INGESTION: May cause irritation to digestive tract.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Not Available.

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

SECTION VII – PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES	RESPIRATORY (SPECIFY)	EYE (SPECIFY)
Rubber	None under adequate ventilation	Safety Glasses
FOOTWEAR (SPECIFY)	CLOTHING (SPECIFY)	OTHER (SPECIFY)
Not Applicable	Not Applicable	Not Applicable

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

LEAK AND SPILL PROCEDURE: Mop up or soak up with noncombustible absorbent material (sand, earth). Flush spill area with water.
WASTE DISPOSAL: Dispose of according to local, provincial, and federal regulations.
HANDLING PROCEDURES & EQUIPMENT: Do not expose to heat, spark or open flames.
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: Immediately flush eyes with water for at least 15 minutes. Seek medical attention.
INHALATION: Remove patient to fresh air.
INGESTION: DO NOT induce vomiting. Seek medical attention.
GENERAL ADVICE: None

SECTION IX – TDG INFORMATION

TDG CLASSIFICATION: Not regulated

SECTION X - PREPARATION DATE OF MSDS

ADDITIONAL INFORMATION/COMMENTS: None

SOURCES USED: Supplier MSDS

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