

MATERIAL SAFETY DATA SHEET
SECTION I – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: ORANGESOLV-EC

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

SUPPLIERS NAME:

CP INDUSTRIES LTD.
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CHEMICAL NAME Not Applicable	CHEMICAL FAMILY Built Detergent	CHEMICAL FORMULA Not Applicable	WHMIS CLASS D2B
MOLECULAR WEIGHT Not Applicable	TRADE NAME AND SYNONYMS Not Applicable	MATERIAL USE Multi Purpose Hard Surface Cleaner and degreaser	

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION %	C.A.S.N.A.	“EXPOSURE LIMITS”	LD50/LC50 SPECIFY SPECIES & ROUTE
Alcohol Ethoxylate	1-5	68991-48-0	Not Available	LD50> 2,000 mg/kg (oral/rat)
Sodium Metasilicate	1-5	6834-92-0	Not Available	LD50 1153 mg/kg (oral/rat)

SECTION III – PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE GAS LIQUID X SOLID	ODOUR AND APPEARANCE Clear orange liquid	ODOUR THRESHOLD Not Available	SPECIFIC GRAVITY 1.06
VAPOUR PRESSURE (mm) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE Not Available	BOILING POINT (°C) 100°C (Approx.)
FREEZING POINT (°C) 0°C approx.	SOLUBILITY IN WATER Complete	% VOLATILE (by volume) 85% (Approx.)	pH 11.0

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 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
EXPLOSION DATA SENSITIVITY TO MECHANICAL IMPACT: None

RATE OF BURNING Not Applicable	EXPLOSIVE POWER Not Applicable	SENSITIVITY TO STATIC DISCHARGE Not Applicable
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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

REACTIVITY AND UNDER WHAT CONDITIONS: Not dangerously reactive.
HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable

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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 irritation. No serious or irreversible effects expected if treated promptly.
SKIN: May cause irritation.
INHALATION: Breathing mist or spray may cause irritation.
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	
>25,000mg/kg (oral/rat)	Mild	Not Available	
LC50 OF PRODUCT (SPECIFY SPECIES)	SENSITIZATION TO PRODUCT	SYNERGISTIC MATERIALS	
Not Available	No known effects	Not Applicable	
CARCINOGENICITY	REPRODUCTIVE EFFECTS	TERATOGENICITY	MUTAGENICITY
No known effects	No Known effects	No known effects	No known effects

SECTION VII – PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES	RESPIRATORY (SPECIFY)	EYE (SPECIFY)
Rubber	Not required under adequate ventilation	Safety Glasses if risk of contact
FOOTWEAR (SPECIFY)	CLOTHING (SPECIFY)	OTHER (SPECIFY)
Not Required	Not Applicable	Not Applicable

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

LEAK AND SPILL PROCEDURE:	Mop up or soak up with absorbent clay for disposal. Flush spill area with water.
WASTE DISPOSAL:	Dispose of according to local, provincial, and federal regulations.
HANDLING PROCEDURES & EQUIPMENT:	Wear proper safety equipment when handling product.
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. If irritation persists, seek medical attention.
EYE: Flush eyes with water for at least 15 minutes. If irritation persists seek medical attention.
INHALATION: Remove patient to fresh air.
INGESTION: DO NOT induce vomiting. Drink fruit juices or milk. Do not give anything by mouth to an unconscious patient. 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 1, 2016