

MATERIAL SAFETY DATA SHEET
SECTION I – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: Q-333

MANUFACTURERS NAME:

CP INDUSTRIES LTD.
 225 BLACK STREET
 FERGUS, ONTARIO N1M 1A5

EMERGENCY TELEPHONE NUMBER: (613) 996-6666

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

SUPPLIERS NAME:

QUALITY CHEMICALS
 215 DOLOMITE DRIVE
 DOWNSVIEW, ONTARIO M3J 2N1

EMERGENCY TELEPHONE NUMBER: (613) 996-6666

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

CHEMICAL NAME Not Applicable	CHEMICAL FAMILY Cationic	CHEMICAL FORMULA Not Applicable	WHMIS CLASS E D2B
MOLECULAR WEIGHT Not Applicable	TRADE NAME AND SYNONYMS None	MATERIAL USE Cleaner / Deodorizer / Sanitizing Agent	

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION %	C.A.S.N.A.	“EXPOSURE LIMITS”	LD50/LC50 SPECIFY SPECIES & ROUTE
Alkyl Dimethyl Benzyl Ammonium Chloride	1 - 5	68424-85-1	Not Available	LD50 426 mg/kg (oral/rat)
Alkyl Phenol Ethoxylate	1 - 5	9016-45-9	Not Available	LD50 2500 mg/kg (oral/rat)

SECTION III – PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE GAS LIQUID X SOLID	ODOUR AND APPEARANCE Clear colourless to yellow liquid	ODOUR THRESHOLD Not Available	SPECIFIC GRAVITY 1.02
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) 90% approx.	pH (1%) 8.0

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 equipment.

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 Nitrogen
EXPLOSION DATA SENSITIVITY TO MECHANICAL IMPACT: Not Applicable

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 X NO Anionics and other detergents

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

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

LD50 OF PRODUCT (SPECIFY SPECIES & ROUTE) IRRITANCY OF PRODUCT EXPOSURE LIMITS OF PRODUCT

Not Available Low 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 Available Not Available 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): General ventilation

LEAK AND SPILL PROCEDURE: Mop up or soak up with absorbent material for disposal.

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

HANDLING PROCEDURES & EQUIPMENT: Avoid eye and skin contact.

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: Flush with soap and water.
EYE: Immediately flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.
INHALATION: Remove patient to fresh air.
INGESTION: DO NOT induce vomiting. Seek medical attention.
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:** March 24, 2004
DEVELOPMENT DEPT.
INDUSTRIAL DIVISION