

MATERIAL SAFETY DATA SHEET
SECTION I – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: Q 111

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

MOLECULAR WEIGHT

Not Applicable

TRADE NAME AND SYNONYMS

None

MATERIAL USE

Germicidal Detergent

WHMIS CLASS

D2B

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

VAPOUR PRESSURE (mm)

Not Available

FREEZING POINT (°C)

0°C approx.

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available

ODOUR AND APPEARANCE

Clear colourless to very slightly yellow

VAPOUR DENSITY (Air=1)

Not Available

SOLUBILITY IN WATER

Complete

ODOUR THRESHOLD

Not Available

EVAPORATION RATE

Not Available

% VOLATILE (by volume)

90% approx.

SPECIFIC GRAVITY

1.0

BOILING POINT (°C)

100°C approx.

pH

7

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 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

SECTION V – REACTIVITY DATA

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

INCOMPATIBILITY TO OTHER SUBSTANCES

YES X NO

IF SO, WHICH ONES?

Anionics and other detergents:

REACTIVITY AND UNDER WHAT CONDITIONS:

Not dangerously reactive

HAZARDOUS DECOMPOSITION PRODUCTS:

Not Applicable

MATERIAL NAME: Q 111

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 severe irritation. May cause temporary or permanent damage if not treated promptly.
SKIN: May cause irritation.
INHALATION: May cause irritation of the respiratory tract.
INGESTION: May cause irritation to digestive tract. May be harmful or fatal if swallowed.

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

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 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 if risk of contact
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 absorbent clay for disposal. Flush area with water.
WASTE DISPOSAL: Dispose of according to local, provincial, and federal regulations.
HANDLING PROCEDURES & EQUIPMENT: No special requirements. Follow good industrial hygienic practices.
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 persists, seek medical attention.
EYE: Flush eyes with water for at least 15 minutes. Seek medical attention immediately.
INHALATION: Remove patient to fresh air.
INGESTION: DO NOT induce vomiting. Drink large quantities of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. 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:** March 24, 2004