

MATERIAL SAFETY DATA SHEET
SECTION I – MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: PERSAN 15

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 Stabilized Peracid Solution	CHEMICAL FORMULA Not Applicable	WHMIS CLASS B3 C E
MOLECULAR WEIGHT Not Applicable	TRADE NAME AND SYNONYMS Not Available	MATERIAL USE Sanitizer	

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROXIMATE CONCENTRATION %	C.A.S.N.A.	“EXPOSURE LIMITS”	LD50/LC50 SPECIFY SPECIES & ROUTE
Hydrogen Peroxide	7 – 13	7722-84-1	TLV(ACGIH) 1ppm TWA	LD50 2000 mg/kg (oral/mouse)
Acetic Acid	15 – 40	64-19-7	TLV(ACGIH) 10 ppm TWA	LD50 3310 mg/kg (oral/rat)
Peroxyacetic Acid	10 – 30	79-21-0	Not Available	Not Available

SECTION III – PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE GAS LIQUID X SOLID	ODOUR AND APPEARANCE Clear colourless liquid with sharp pungent vinegar like odour	ODOUR THRESHOLD Not Available	SPECIFIC GRAVITY 1.12
VAPOUR PRESSURE (mm) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE Not Available	BOILING POINT (°C) 100°C (Approx.)
FREEZING POINT (°C) Not Available	SOLUBILITY IN WATER Soluble	% VOLATILE (by volume) 99% (Approx.)	pH (Conc) 1

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available

SECTION IV – FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHAT CONDITIONS
 YES X NO Combustible when heated

MEANS OF EXTINCTION: Water spray to cool fire exposed containers. Use flooding quantities of water only to fight fires in which this material is involved.

SPECIAL PROCEDURES: Firefighters should wear self- contained breathing apparatus and protective clothing.

FLASHPOINT (°C) AND METHOD: 80°C (CC) **AUTO IGNITION TEMPERATURE (°C):** Not Available
UPPER EXPLOSION LIMIT (% BY VOLUME): Not Applicable **LOWER EXPLOSION LIMIT (% BY VOLUME):** Not Applicable

HAZARDOUS COMBUSTION PRODUCTS: Oxygen which supports combustion, oxides of carbon
EXPLOSION DATA SENSITIVITY TO MECHANICAL IMPACT: Not determined.

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 Normally stable

INCOMPATIBILITY TO OTHER SUBSTANCES IF SO, WHICH ONES?
 YES X NO Reducing agents; chlorine bleach combustibles such as wood, paper, oils; and some metals.

REACTIVITY AND UNDER WHAT CONDITIONS: Contamination with incompatible materials, heat. Do not mix with anything but water.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen which promotes combustion.

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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: CORROSIVE. May cause permanent damage if not treated promptly.
SKIN: CORROSIVE. May cause burns.
INHALATION: CORROSIVE. Breathing mist, spray or vapour may cause severe irritation.
INGESTION: CORROSIVE. May cause irritation to digestive tract. Maybe harmful if swallowed.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Not Available

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

Not Available Severe Not Available

LC50 OF PRODUCT (SPECIFY SPECIES) SENSITIZATION TO PRODUCT SYNERGISTIC MATERIALS

Not Available Not Available Not Available

CARCINOGENICITY REPRODUCTIVE EFFECTS TERATOGENICITY MUTAGENICITY

Not Available Not Available Not Available Not Available

SECTION VII – PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES	RESPIRATORY (SPECIFY)	EYE (SPECIFY)
Rubber	Approved respirator if ventilation inadequate	Chemical Goggles
FOOTWEAR (SPECIFY)	CLOTHING (SPECIFY)	OTHER (SPECIFY)
Rubber	Protective apron; as required	As required

ENGINEERING CONTROLS (E.G. VENTILATION, ENCLOSED PROCESS, (SPECIFY): Local mechanical exhaust ventilation to reduce TLV below exposure limits.

LEAK AND SPILL PROCEDURE: Eliminate source of spill. Small spills may be absorbed in non-reactive absorbent material and placed in a suitable labeled, covered, vented container. Flush spill area with lots of water.

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

HANDLING PROCEDURES & EQUIPMENT: Wear proper safety equipment when handling product. Never return unused product to original container. Avoid contamination. Use with adequate ventilation.

STORAGE REQUIREMENTS: Store in a cool, dry well ventilated place in its closed original vented container away from direct sunlight, heat, combustibles and other incompatible materials. Use first in, first out storage system. Container must be vented.

SPECIAL SHIPPING INFORMATION: Not Applicable.

SECTION VIII – FIRST AID PROCEDURES

SKIN: Immediately wash with soap and plenty of cool water for 15 minutes while removing contaminated clothing. Seek medical attention if irritation persists.

EYE: Immediately flush eyes with water for at least 20 minutes keeping eye lids open while flushing. Seek medical attention immediately.

INHALATION: Remove patient to fresh air. If symptoms persist, seek medical attention.

INGESTION: DO NOT induce vomiting. Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. 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
DEVELOPMENT DEPT.
INSTITUTIONAL DIVISION