

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: HPO CONCENTRATE  
Product Use: CONCENTRATED OXYGENATED CLEANER  
Supplier: SHARE CANADA  
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7

Telephone Number: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

### SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	OSHA PEL	ACGIH TLV
Hydrogen peroxide	7722-84-1	1 – 10 %	1 ppm	1 ppm

### SECTION III - PHYSICAL DATA

Physical State: LIQUID  
Specific gravity: 1.01  
pH: 9.0 - 10.0  
Odour and appearance: CLEAR COLOURLESS LIQUID. CITRUS FRAGRANCE.  
Odour threshold: Not available. Vapour pressure (PSI): Not available.  
Vapour density (air = 1): Not available. Evaporation rate (water = 1): Not available.  
% volatile by volume: < 0.5 % Solubility in water: SOLUBLE.  
Boiling Point ( C <sup>0</sup> ): Not available. Freezing Point ( C <sup>0</sup> ): Not available.  
Coefficient of water/oil distribution: Not available.

### SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NOT FLAMMABLE OR COMBUSTIBLE  
Flash point and method: > 100 <sup>0</sup> C. – CLOSED CUP  
Upper flammable limit: Not Available.  
Lower flammable limit: Not Available.  
Autoignition temperature: Not Available.  
Conditions of flammability: THIS PRODUCT CONTAINS AN OXIDIZER. MIXTURES WITH COMBUSTIBLE OR FLAMMABLE MATERIALS MAY IGNITE EASILY, BURN FIERCELY, OR MAY EXPLODE IN CONTAMINATED, CLOSED CONTAINERS.  
Means of extinction: WATER.  
Special fire fighting procedures: COOL FIRE-EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR, INCLUDING SELF-CONTAINED BREATHING APPARATUS.  
Hazardous combustion products: OXIDES OF CARBON, HEAT, STEAM, OXYGEN GAS.  
Sensitivity to mechanical impact: NOT SENSITIVE  
Sensitivity to static discharge: NOT SENSITIVE

### SECTION V - REACTIVITY DATA

Is the product stable: YES- STABLE.  
Incompatible substances: HIGHLY ALKALINE PRODUCTS, METALS, SALTS, ORGANICS, REDUCING AGENTS.  
Conditions to avoid: EXCESS HEAT (>38 <sup>0</sup> C)  
Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON, HEAT, STEAM, OXYGEN GAS.

Product identifier: HPO CONCENTRATE

#### SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION, INGESTION.

Exposure Limits: HYDROGEN PEROXIDE ACGIH -TLV: 1 ppm OSHA PEL: 1 ppm

WHMIS CLASS: CLASS C - OXIDIZER

Irritant: YES

Carcinogen: NO - IARC / OSHA / NTP

Sensitizer: NO

Mutagen: NO

Reproductive effects: NONE KNOWN

Synergistic products: NONE KNOWN

Effects of acute exposure: Eyes: MODERATE IRRITATION, REDNESS AND TEARING.

PROLONGED CONTACT MAY CAUSE INJURY.

Ingestion: SMALL AMOUNTS MAY CAUSE NAUSEA AND CRAMPS. LARGER AMOUNTS MAY BE HARMFUL.

Skin: MAY CAUSE IRRITATION WITH PROLONGED AND REPEATED EXPOSURE.

Inhalation: MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

#### SECTION VII - PREVENTION MEASURES

Engineering Controls: LOCAL VENTILATION RECOMMENDED.

Gloves: <b>CHEMICAL RESISTANT GLOVES</b>	Respirator: WEAR A NIOSH-APPROVED RESPIRATOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS IF EXPOSURE LIMITS ARE EXCEEDED.	Eye protection: <b>SAFETY GLASSES OR CHEMICAL GOGGLES.</b>
Footwear: <b>NO SPECIAL REQUIREMENTS.</b>	Clothing: <b>TO PREVENT SKIN CONTACT.</b>	Other requirements: <b>EYE WASH STATION</b>

Respiratory protection: USE WITH ADEQUATE VENTILATION.

Leak or spill procedures: VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION.

CONTAIN SPILL. SOAK UP WITH INERT ABSORBENT MATERIAL AND PLACE IN A PROPERLY MARINSE KED CLOSED CONTAINER FOR PROPER DISPOSAL.

Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

Handling and storage requirements: STORE IN A COOL, DRY PLACE AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

Special shipping information: NOT REGULATED BY TDG.

#### SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.

Skin: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND RINSE WITH WATER. LAUNDRER CLOTHING BEFORE RE-USE.

Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER AND GIVE 1 - 2 GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE PERSON TO FRESH AIR. IF BREATHING STOPS GIVE ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION IMMEDIATELY.

#### SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET.

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