MATERIAL SAFETY DATA SHEET

SECTION 1

CHEMICAL FAMILY: Water Hydrogen Peroxide Solution
CHEMICAL FORMULA: Not applicable
MOLECULAR WEIGHT: Not applicable
TRADE NAME/SYNONYM: Seventh Generation’s “Non Chlorine Bleach”

MATERIAL USE: Laundry Bleach

FLAMMABILITY: 0
REACTIVITY: 0
HEALTH: 1 (if ingested & untreated)
PERSONAL PROTECTION: 0

SECTION 2 - Hazardous ingredients of material

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>Concentration</th>
<th>CAS #</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>3.5%</td>
<td>7722-84-1</td>
<td>&gt;700mg/kg (75% H2O2)</td>
<td>&gt;2000 4 Hrs, rat, (90% H2O2)</td>
</tr>
</tbody>
</table>

SECTION 3 - Physical data for material

PHYSICAL STATE: LIQUID
ODOUR/APPEARANCE: CLEAR WATER WHITE LIQUID
ODOUR THRESHOLD (ppm): None Established
SPECIFIC GRAVITY: 1.01
VAPOUR PRESSURE (mm): Not applicable
VAPOUR DENSITY (air =1): Not applicable
EVAPORATION RATE AS WATER: Approximately 1
BOILING POINT: 100 DEG C.
FREEZING POINT: 0 DEG. C.
SOLUBILITY IN WATER: COMPLETE AND RAPID AT 20 DEG C.
% VOLATILE BY VOLUME: 96.5%
PH: 4.0 – 4.5
COEFFICIENT OF WATER TO OIL DISTRIBUTION: Not Applicable

SECTION 4 - Fire and explosion hazard

FLAMMABILITY Y/N: Not applicable
FLAMMABLE-CONDITIONS: Not applicable
MEANS OF EXTINCTION AS WATER: Not applicable
SPECIAL PROCEDURES: NONE
FLASHPOINT DEG. C. AND METHOD: Not applicable
UPPER EXPLOSION LIMITS (%BY VOLUME): Not applicable
LOWER EXPLOSION LIMITS (%BY VOLUME): Not applicable
AUTO IGNITION TEMP. (DEG. C.): Not applicable
TDG FLAMMABILITY CLASSIFICATION: Not applicable
HAZARDOUS COMBUSTION PRODUCTS: Not applicable
EXPLOSION SENSITIVITY TO CHEM. IMPACT: Not applicable
RATE OF BURNING: Not applicable
EXPLOSIVE POWER: Not applicable
SENSITIVITY TO STATIC DISCHARGE: Not applicable

SECTION 5 Reactivity data
CHEM. STABILITY/N CONDITIONS: Y/STABLE UNDR NORMAL CONDITIONS
INCOMPATIBILITY Y/N: HEAVY METALS, REDUCING AGENTS, DIRT AND ORGANIC OXIDIZERS.
REACTIVITY: AVOID CONTAMINATION OF ANY KIND OR MIXING WITH ORGANIC MATERIALS.
HAZARDOUS DECOMPOSITION PRODUCTS: NONE AT THIS LOW CONCENTRATION

SECTION 6 TOXICOLOGICAL PROPERTIES
ROUTE OF ENTRY SKIN CONTACT Y/N: YES
ROUTE OF ENTRY SKIN ABSORPTION: YES
ROUTE OF ENTRY EYE CONTACT Y/N: YES
ROUTE OF ENTRY INHALATION ACUTE Y/N: NO
ROUTE OF ENTRY INHALATION CHRONIC Y/N: NO
ROUTE OF ENTRY INGESTION Y/N: YES
EFFECT OF ACUTE EXPOSURE
EYE CONTACT – WILL CAUSE MODERATE IRRITATION
INGESTION: MAY CAUSE STOMACH CRAMPS AND VOMITING.
EFFECTS OF CHRONIC EXPOSURE: NONE KNOWN
LD/50 SPECIES ROUTE OF ENTRY: NOT KNOWN
IRRITANCY OF PRODUCT: EYE IRRITANT, AND MILD SKIN IRRITANT
EXPOSURE LIMITS: NONE KNOWN
LC/50 SPECIES ROUTE ENTRY: NOT KNOWN
SENSITIZATION TO PRODUCT: NONE KNOWN
SYNERGIST MATERIALS: Not applicable
CARCINOGENICITY Y/N: NO
REPRODUCTIVE EFFECTS Y/N: NO
MUTAGENICITY Y/N: NO

SECTION 7 Preventative measures
PERSONAL PROTECTIVE EQUIPMENT
EYE PROTECTION
GLOVES (SPECIFY): Not applicable
RESPIRATION (SPECIFY): Not applicable
EYE (SPECIFY) GOGGLES: REQ’D IF SPLASHING IS ANTICIPATED
FOOTWEAR (SPECIFY): Not applicable
OTHER (SPECIFY): Not applicable
ENGINEERING CONTROLS: NORMAL EXHAUST VENTILATION
LEAK AND SPILL PROCEDURE: FLUSH WITH WATER
WASTE DISPOSAL: DISPOSE IN ACCORDANCE WITH LOCAL, STATE, PROVINCIAL, AND FEDERAL REGULATIONS.
HANDLING PROCEDURES/EQUIP.: AVOID CONTACT WITH EYES
STORAGE REQUIREMENTS: PREVENT FREEZING

SECTION 8 First aid measures
SKIN: WASH WITH WATER Use a Hand cream if Hyper sensitive
EYE CONTACT: HOLD EYES OPEN AND FLUSH WITH PLENTY OF WATER.
IF SWALLOWED: DRINK 2-3 GLASSES OF WATER AND SEE A DOCTOR.
ADDITIONAL NOTES: LOW ORDER OF TOXICITY AT 3.5% hydrogen peroxide

SECTION 9 Preparation of m.s.d.s.
DATE May 2001
Robert A. Bullard B.Sc.
On behalf of Seventh Generation

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