MATERIAL SAFETY DATA SHEET

SECTION 1

CHEMICAL FAMILY: Blended aqueous solution
TRADE NAME/SYNONYM: Seventh Generation's Natural FABRIC SOFTENER, LAVENDER
MATERIAL USE: Retail use fabric softener

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>Exposure Limits</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetable source Ester-Quat</td>
<td>6-15%</td>
<td>N.Aval</td>
<td>N.Aval</td>
<td>N.Aval</td>
<td>N.Aval</td>
</tr>
<tr>
<td>derived from Soy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lavender Oil, Natural</td>
<td>&lt;1%</td>
<td>N.Aval</td>
<td>N.Aval</td>
<td>N.Aval</td>
<td>N.Aval</td>
</tr>
</tbody>
</table>

SECTION 3

physical data for material

PHYSICAL STATE: LIQUID
ODOUR/APPEARANCE: LIQUID, WHITE OPAQUE IN COLOR, (sweet fragrance)
ODOUR THRESHOLD (ppm): N.AP.
SPECIFIC GRAVITY: 1.0013
VAPOUR PRESSURE (mm): N.AP.
VAPOUR DENSITY (air = 1): N.AP.
EVAPORATION RATE: N.AP.
BOILING POINT: 100 DEG. C.
FREEZING POINT: 0 DEG. C.
SOLUBILITY IN WATER: COMPLETE AND RAPID AT 20 DEG. CEL.
% VOLATILE BY VOLUME: 88%
PH: 3.0-4.5
COEFFICIENT OF WATER TO OIL DISTRIBUTION: N.AP.

SECTION 4

fire and explosion hazard

FLAMMABILITY Y/N: N.AP.
FLAMMABLE-CONDITIONS N.AP
MEANS OF EXTINCTION AS WATER
SPECIAL PROCEDURES NONE
FLASHPOINT DEG. C. AND METHOD. N.AP
UPPER EXPLOSION LIMITS (%BY VOLUME) N.AP
LOWER EXPLOSION LIMITS(%BY VOLUME) N.AP
AUTO IGNITION TEMP. (DEG. C.) N.AP
TDG FLAMMABILITY CLASSIFICATION N.AP
HAZARDOUS COMBUSTION PRODUCTS N.AP.
EXPLOSION SENSITIVITY TO CHEM. IMPACT N.AP
RATE OF BURNING N.AP
EXPLOSIVE POWER N.AP
SENSITIVITY TO STATIC DISCHARGE N.AP

SECTION 5
reactivity data

CHEM. STABILITY/N CONDITIONS Y/STABLE
INCOMPATIBILITY Y/N N.AP
REACTIVITY NONE
HAZARDOUS DECOMPOSITION PRODUCTS NONE

SECTION 6
TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N NO
ROUTE OF ENTRY SKIN ABSORPTION NO
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 MODERATE

EXPOSURE LIMITS
LC/50 SPECIES ROUTE ENTRY NOT KNOWN
SENSITIZATION TO PRODUCT NOT KNOWN

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SECTION 7
preventative measures

PERSONAL PROTECTIVE EQUIPMENT NOT REQUIRED
GLOVES (SPECIFY) N.AP
RESPIRATION (SPECIFY) N.AP
EYE (SPECIFY) eye glasses to prevent splashing N.AP
FOOTWEAR (SPECIFY) N.AP
OTHER (SPECIFY) N.AP
ENGINEERING CONTROLS NORMAL EXHAUST VENTILATION
LEAK AND SPILL PROCEDURE FLUSH WITH WATER
WASTE DISPOSAL DISPOSE IN ACCORDANCE WITH LOCAL
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 INDUCE VOMITING
SEE A DOCTOR.

INHALATION
REMOVE TO FRESH AIR

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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