

Seventh Generation
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MATERIAL SAFETY DATA SHEET

SECTION 1

CHEMICAL FAMILY
CHEMICAL FORMULA
MOLECULAR WEIGHT N.Ap.
TRADE NAME/SYNONYM

Blended aqueous solution
N.Ap.

MATERIAL USE

**Seventh Generation's
Natural FABRIC SOFTENER, LAVENDER**
Retail use fabric softener

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

SECTION 2

hazardous ingredients of material

<u>INGREDIENT</u>	<u>Concentration</u>	<u>CAS #</u>	<u>Exposure Limits</u>	<u>LD50</u>	<u>LC50</u>
Vegetable source Ester-Quat derived from Soy	6-15%	N.Aval	N.Aval	N.Aval	N.Aval
Lavender Oil, Natural	<1%	N.Aval	N.Aval	N.Aval	N.Aval

SECTION 3

physical data for material

PHYSICAL STATE	LIQUID
ODOUR/APPEARANCE fragrance)	LIQUID , WHITE OPAQUE IN COLOR,(sweet
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, moderate irritation due to low pH
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	EYE CONTACT - MAY CAUSE IRRITATION. INGESTION MAY CAUSE EYE IRRITANT
EXPOSURE LIMITS	NONE KNOWN
LC/50 SPECIES ROUTE ENTRY	NOT KNOWN
SENSITIZATION TO PRODUCT	

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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
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
EYE CONTACT
IF SWALLOWED

INHALATION

WASH WITH WATER Use a Hand cream if Hyper sensitive
HOLD EYES OPEN AND FLUSH WITH PLENTY OF WATER.
DRINK 2-3 GLASSES OF WATER AND INDUCE VOMITING
SEE A DOCTOR.
REMOVE TO FRESH AIR

SECTION 9

preparation of m.s.d.s.

DATE MMay 2001

Robert A. Bullard B.Sc.
On behalf of Seventh Generation

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