

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product Name: **SOFT**

Product Use: Concentrated fabric softener

WHMIS Class: D2B,

TDG Classification: Not regulated

PIN Number: Not applicable

T.D.G. Shipping Name: Not applicable

Manufactured by:

Chemotec (PM) Inc.

8820 Place Ray Lawson

Anjou, Quebec, Canada H1J 1Z2

Telephone: (514) 729-6321; 1-800-729-6321

Emergency Phone: as above or call **CANUTEC** (613) 996-6666 in case of **chemical emergency only.**

SECTION 2: HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Wt %</u>	<u>TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Tallow quaternary imidazoline	68122-86-1	3 - 7	n/a	n/a	5045 mg/kg (oral, rat)

SECTION 3: PHYSICAL DATA

Boiling Point (°C): 100

Vapor Pressure (mm Hg): 20 (water)

Vapor Density (Air = 1): 0.6 (water)

Solubility in Water: Dispersible

Physical State: Liquid

Appearance and Odor: Blue liquid, with a pleasant odour.

Specific Gravity (H₂O = 1): 1.0 at 20°C

% Volatile (Wt %): Approx. 95

Evaporation Rate (nBuAc=1): 0.4 (water)

pH (as supplied): 3.5-4.5

Viscosity: < 1000 cps at 25 °C

Odor Threshold (ppm): n/a

SECTION 4: FIRE AND EXPLOSION DATA

Flammability: Not flammable, not combustible.

Flash Point (TCC, °C): > 93.3 LEL: Not applicable UEL: Not applicable

Hazardous Combustion Products: Smoke, carbon oxides, nitrogen oxides, sulfur oxides

Autoignition Temperature (°C): Not available.

Means of Extinction: Water, foam, dry chemicals, carbon dioxide.

Special Fire Hazards: A stream of water directed into the product may generate foam.

SECTION 5: REACTIVITY DATA

Conditions for Chemical Instability: This product is stable under normal conditions. It does not polymerize.

Incompatible Materials: Strong oxidizing agents, strong concentrated acids and alkali.

Reactivity, and Under What Conditions: May evolve heat.

Hazardous Decomposition Products: None.

SECTION 6: TOXICOLOGICAL PROPERTIES

Route of Entry: Eyes, skin, ingestion, inhalation.

EFFECTS OF ACUTE EXPOSURE:

Eye: Mild Irritant.

Skin: Mild Irritant.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting.

Inhalation: Breathing high concentration may cause headache, nausea, vomiting, dizziness, may cause irritation of superior respiratory tract.

EFFECTS OF CHRONIC EXPOSURE:

Irritancy: Prolonged or repeated contacts with skin may cause some irritation: skin dryness, redness, dermatitis.

Skin Sensitization: Not available.

Carcinogenicity: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic Materials: Unknown.

SECTION 7: PREVENTATIVE MEASURES

Gloves: Plastic or rubber gloves to manipulate large quantities of the pure product.

Eye Protection: Safety glasses with side shields to manipulate large quantities.

Respiratory Protection: Not required, if adequate ventilation is available. Respirator NIOSH/MSHA approved if large spill and lack of ventilation.

Other Protective Equipment: Waterproof boots if large spill.

Engineering Controls: Shower and eye wash station if large quantities are manipulated. Provide adequate ventilation.

Leak and Spill Procedure: Wear personal protective equipment. Stop the leak. Pump the product into drums for disposal, or clean up spills using absorbent material and place in waste container for destruction. Resume cleaning by rinsing with water.

Waste Disposal: Burn into incinerator or landfill according to existing federal, provincial and municipal regulations.

Storage Requirements: Keep in original tightly closed containers, in a well ventilated room.

SECTION 8: FIRST AID

Eye: Immediately rinse with plenty of water for several minutes, keeping eyelids open. Seek medical attention.

Skin: Rinse with water. Remove spoiled clothes and wash before wearing. Apply moisturizing cream in case of dry skin. Seek medical attention should an irritation develop.

Inhalation: Bring the person to fresh air. Seek medical attention if discomfort persists.

Ingestion: Give plenty of water. Induce vomiting. Seek medical attention.

SECTION 9: PREPARATION INFORMATION

Date: March 2nd, 2006
Phone: (514) 729-6321

Prepared by:
Chemotec (PM) Inc.

Abbreviation:
n/a: not available

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Center for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal (514-873-3990).