

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product Name: **WASH & SHINE**
Product Use: Car wash heavy duty with wax
WHMIS Class: D2B

TDG Classification: Not regulated
UN 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>
Alkylphenol ethoxylate	9016-45-9	7-13	n/a	n/a	2590 mg/kg (oral, rat)
Sodium dodecylbenzene sulphonate	25155-30-0	1 - 5	n/a	n/a	1300 mg/kg (oral, rat)

SECTION 3: PHYSICAL DATA

Boiling Point (°C): 105
Vapor Pressure (mm Hg): n/a
Vapor Density (Air = 1): n/a
Solubility in Water: Complete
Physical State: Liquid
Appearance and Odor: Blue liquid with lemon scent.

Specific Gravity (H₂O = 1): 1.03 at 20 °C
% Volatile (Wt %): 70 - 75
Evaporation Rate (Water = 1): < 1
pH (as supplied): 7.5 – 9.0
Viscosity: 200 - 500 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 and other toxic volatile products.

Autoignition Temperature (°C): Not applicable.

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

Special Fire Hazards: A stream of water directed at the product generates a lot of foam.

SECTION 5: REACTIVITY DATA

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

Incompatible Materials: Strong acids, strong oxidizing agents.

Reactivity and Under What Conditions: Not available.

Hazardous Decomposition Products: With strong acids or oxidizing agents, heat and carbon oxides can be formed.

SECTION 6: TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE:

Eye: Irritant.

Skin: Moderate irritation and dry skin condition may appear. May be absorbed through skin.

Ingestion: Headache, nausea, vomiting, abdominal pain, diarrhea may occur.

Inhalation: Breathing high concentration may cause headache, nausea, vomiting and dizziness.

EFFECTS OF CHRONIC EXPOSURE:

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

Skin Sensitization: Not sensitizing.

Carcinogenicity: 2-butoxyethanol is listed as Not classifiable as to its carcinogenicity to humans.

Teratogenicity: No ingredients are known to be teratogens

Mutagenicity: No ingredients are known to be mutagens.

Synergistic Materials: None known.

SECTION 7: PREVENTATIVE MEASURES

Gloves: Plastic or rubber gloves if contact with product is possible.

Eye Protection: Safety goggles to manipulate large quantities.

Respiratory Protection: Not required under normal applications.

Other Protective Equipment: Waterproof boots for prolonged contact with spills.

Engineering Controls: 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: Dispose according to existing federal, provincial and municipal regulations.

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

SECTION 8: FIRST AID

Eye: Immediately rinse with plenty of water for at least 15 minutes, keeping eyelids open. Seek medical attention should an irritation develops.

Skin: Rinse with water. Remove soiled clothes and wash before wearing. Seek medical attention should an irritation develop

Inhalation: Bring the person to fresh air.

Ingestion: Give plenty of water. Do not induce vomiting unless instructed to do so by medical personnel. Seek medical attention.

SECTION 9: PREPARATION INFORMATION

Date: 2009-01-16

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).