1. **PRODUCT AND COMPANY IDENTICATION**

   **PRODUCT NAME**  |  ZYMÖL SPRAY DETAILER
   **PRODUCT CODE**   |  Z-541(C)
   **CHEMICAL FAMILY**|  Mixture: Water, Waxes, Emulsifiers, Additives
   **CHEMICAL NAME**  |  Automotive Exterior Surface Wax
   **FORMULA**        |  Mixture

   **MANUFACTURER**    |  Zymöl Enterprises Inc.
   **PO Box 594**      |  Chicago, Il 60638
   **Phone: 1(800)999-5563** |  CHEMTREC: 800-424-9300

   **TRANSPORTATION:**
   **EMERGENCY TELEPHONE NUMBERS**
   **CHEMTREC:** 800-424-9300
   **Local Poison Control Center:**
   **ACGIH TLV**
   **OSHA PEL**
   **CONCENTRATION (wt %)**
   **DIRT (ppm)**

2. **POSITION/INFORMATION ON INGREDIENTS**

   **COMPONENT**  |  **CAS NUMBER**  |  **CONCENTRATION (wt %)**
   Alcohol        |  67-63-0         |  0.5-2.0%

   **EXPOSURE LIMITS 8 hrs. TWA (ppm)**
   |  |  **OSHA PEL**  |  **ACGIH TLV**
   Alcohol       |  400 ppm         |  400 ppm

3. **HAZARDS IDENTIFICATION**

   **POTENTIAL HEALTH EFFECTS**

   **INHALATION:**  Mist or spray may cause irritation. No chronic effects known.

   **SKIN CONTACT:**  Can cause irritation with excessive or repeated contact. No chronic effects known.

   **EYE CONTACT:**  Can cause irritation. No chronic effects known.

   **INGESTION:**  May cause digestive system upsets and/or nausea. No chronic effects known.
4. **FIRST AID MEASURES**

**INHALATION:** Remove to fresh air. Use artificial respiration and oxygen if needed.

**SKIN:** Remove contaminated clothing. Rinse affected areas thoroughly with water.

**EYE:** Flush with water for 15 minutes. Get prompt medical attention if effects persist.

**INGESTION:** Rinse mouth. Drink large amounts of water. Do not induce vomiting. Get prompt medical attention.

5. **FIRE FIGHTING MEASURES**

**FLASH POINT:** >200 °F (93 °C) TCC

**EXTINGUISHING MEDIA:** Water Spray, carbon dioxide, dry chemical, foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** None.

6. **ACCIDENTAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:** Small spills can be flushed to sanitary sewer if permitted by local regulations. Take up large spills using absorbing media and place in waste container. Floors may be slippery. Care should be taken not to slip.

7. **HANDLING AND STORAGE:** Keep away from strong oxidizers such as peroxides. Keep containers closed. Keep from freezing.

**STORAGE TEMPERATURE (MIN./MAX.):** 32 °F (0 °C)/ 120 °F (49 C)

**SHELF LIFE:** 5 - 7 years minimum when the original container is kept tightly closed and properly stored.

**SPECIAL SENSITIVITY:** None.

**HANDLING AND STORAGE PRECAUTIONS:** Rinse thoroughly before handling, re-use, or disposal.

8. **EXPOSURE CONTROLS/PERSOAL PROTECTION**

**RESPIRATOR/VENTILATION REQUIREMENTS:** Provide good ventilation.

**SKIN PROTECTION REQUIREMENTS:** Wear water resistant gloves as needed to reduce exposure.

**EYE PROTECTION REQUIREMENTS:** Wear slash proof goggles. Have convenient eye wash stations.

**INGESTION:** Avoid swallowing. Wear face shield if face contact is likely.

**EXPOSURE LIMITS:** Not established for product as whole.

n/ap
9. **PHYSICAL AND CHEMICAL PROPERTIES**

   **PHYSICAL FORM:** Thin Liquid
   **COLOR:** Off-White
   **ODOR:** Tropical Aloe Vera
   **BOILING POINT:** 212°F (100°C)
   **MELT / FREEZE POINT:** 32 °F (0 °C)
   **PH:** 4.0 nominal
   **SOLUBILITY IN WATER:** Dispersable
   **SPECIFIC GRAVITY:** 1.000 @ 77 ° F (25 ° C)
   **% VOLATILE BY WEIGHT:** >97.5 %
   **VAPOR PRESSURE:** Not determined
   **VAPOR DENSITY:** Not determined

10. **REACTIVITY**

    **STABILITY:** Stable

    **HAZARDOUS POLYMERIZATION:** Will not occur.

    **INCOMPATIBILITIES:** Strong oxidizing agents.

    **DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide and hydrocarbons when burned.

11. **TOXICOLOGICAL INFORMATION**

    **ACUTE INHALATION:** Aspiration into lungs can cause vomiting and/or diarrhea.

    **CHRONIC INHALATION:** Not determined.

    **ACUTE SKIN CONTACT:** Prolonged or repeated contact can cause moderate irritation, de-fatting or dermatitis.

    **CHRONIC SKIN CONTACT:** Not determined.

    **ACUTE EYE CONTACT:** Can cause irritation, redness, tearing or blurred vision.

12. **ECOLOGICAL INFORMATION**

    No data available.

13. **DISPOSAL CONSIDERATIONS**

    Not classified as a hazardous waste.

    **WASTE DISPOSAL METHOD:** Dispose of product in accordance with all local, state and federal laws and regulations.
14. TRANSPORT INFORMATION

DOT INFORMATION: Not regulated as a hazardous material.

PROPER SHIPPING NAME:
Non Bulk Not regulated
Bulk Not regulated

TECHNICAL SHIPPING NAME: Consumer Commodity

HAZARD CLASS:
Non Bulk None
Bulk None

UN NUMBER: None

PRODUCT RQ (lbs): None

LABEL:
Non Bulk Not Required
Bulk Not Required

PLACARD:
Non Bulk None
Bulk None

FREIGHT CLASS BULK: None

FREIGHT CLASS PACKAGE: None

PRODUCT LABEL None

15. REGULATORY INFORMATION

TSCA STATUS: All ingredients listed.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES None

SECTION 311/312 HAZARD CATEGORIES
Acute Health No
Chronic Health No
Fire No
Reactive No
Sudden Release of Pressure No

SECTION 313
CHEMICAL NAME CAS NUMBER CONCENTRATION
None n/ap n/ap

RCRA STATUS: Not a RCRA hazardous waste.

CANADIAN STATUS: All materials contained in this product are listed on the Canadian Domestic Substances List (DSL).
EUROPEAN UNION: All materials contained in this product are listed on EINECS.

STATE REGULATORY INFORMATION

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

<table>
<thead>
<tr>
<th>COMPONENT/</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION</th>
<th>STATE CODE</th>
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<tbody>
<tr>
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<td>n/ap</td>
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16. OTHER INFORMATION

| HMIS CLASSIFICATION | Health | 1 |
| Flammability        | 1      |
| Reactivity          | 0      |
| PPI                  | B      |

| NFPA RATING         | Health | 1 |
| Fire                | 1      |
| Reactivity          | 0      |
| Special             | None   |

MSDS PART NO. Zymöl Spray Detailer – Z-541(C)

REASON FOR ISSUE New Product Launch

PREPARED BY James P. Heidel

TITLE Technical Director

APPROVAL DATE September 1, 2011

SUPERCEDES DATE New

REVISION NUMBER A - 0

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