



**zymöl enterprises, inc.**  
191 Champion Drive  
Brooksville, FL 34601

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	<b>ZYMÖL SPRAY DETAILER</b>
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

#### **EMERGENCY TELEPHONE NUMBERS**

Transportation:  
CHEMTREC: 800-424-9300  
Medical:  
Contact Local Poison Control Center

### 2. POSITION/INFORMATION ON INGREDIENTS

<b>COMPONENT</b>	<b>CAS NUMBER</b>	<b>CONCENTRATION (wt %)</b>
Alcohol	67-63-0	0.5-2.0%

#### **EXPOSURE LIMITS 8 hrs. TWA(ppm)**

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
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/PERSONAL 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**

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

<b><u>CHEMICAL NAME</u></b>	<b><u>CAS NUMBER</u></b>	<b><u>CONCENTRATION</u></b>
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.

#### COMPONENT/

<u>CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
None	n/ap	None

#### 16. OTHER INFORMATION

<b>HMIS CLASSIFICATION</b>	Health	1
	Flammability	1
	Reactivity	0
	PPI	B
<b>NFPA RATING</b>	Health	1
	Fire	1
	Reactivity	0
	Special	None
<b>MSDS PART NO.</b>	Zymöl Spray Detailer – Z-541(C)	
<b>REASON FOR ISSUE</b>	New Product Launch	
<b>PREPARED BY</b>	James P. Heidel	
<b>TITLE</b>	Technical Director	
<b>APPROVAL DATE</b>	September 1, 2011	
<b>SUPERCEDES DATE</b>	New	
<b>REVISION NUMBER</b>	A - 0	

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