



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

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	ZYMÖL 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.
191 Champion Drive
Brooksville, FL 34601
Phone: 1(352) 540-9085

EMERGENCY TELEPHONE NUMBERS

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

2. INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION (wt %)
Isopropyl Alcohol	67-63-0	0.5%
Isopropanol		

EXPOSURE LIMITS 8 hrs. TWA(ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Isopropyl Alcohol	400 ppm	400 ppm
Isopropanol		

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 splash 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:	None	
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		
<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
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

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	Technical Shipping Name Change	
PREPARED BY	James P. Heidel	
TITLE	Technical Director	
APPROVAL DATE	February 4, 2014	
SUPERCEDES DATE	November 14, 2011	
REVISION NUMBER	A - 2	

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