



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

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Zymöl Brite Wheel Cleaner
PRODUCT CODE	CS515
CHEMICAL FAMILY	Mixture: Wax, Oils, Additives
CHEMICAL NAME	Automotive Wheel Cleaner
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 your local Poison Control Center

2. POSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION (wt %)
Orange Terpenes	8028-48-6	10-15

EXPOSURE LIMITS 8 hrs. TWA(ppm)

OSHA PEL
n/av

ACGIH TLV
n/av

CARCINOGEN
(OSHAS, NPT, IARC)
n/av

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION: May cause irritation. No chronic effects known.

INGESTION: May cause digestive system upsets and/or nausea. No chronic effects known.

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

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

4. **FIRST AID MEASURES**

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

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

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

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

5. **FIRE FIGHTING MEASURES**

FLASH POINT: (Open Cup): 160°F Explosive Limits: Lower: n/av Upper: n/av

EXTINGUISHING MEDIA: Carbon dioxide, foam or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full fire-fighting turnout gear.

6. **ACCIDENTAL RELEASE MEASURES**

SPILL OR LEAK PROCEDURES: Local authorities should be advised if significant spillages cannot be contained. Do not contaminate surface water. Prevent further leakage or spillage. Soak up with inert absorbent material.

7. **HANDLING AND STORAGE**

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

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

SPECIAL SENSITIVITY: None

HANDLING AND STORAGE PRECAUTIONS: Avoid prolonged contact with skin and clothing. Wash after use.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

SKIN PROTECTION REQUIREMENTS: Rubber or Neoprene if needed

RESPIRATOR/VENTILATION PROTECTION REQUIREMENTS: None with normal use

INGESTION PROTECTION REQUIREMENTS: Avoid swallowing.

EXPOSURE LIMITS: Not established for product.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: Solid

COLOR: Tan

ODOR: Spearmint Odor

BOILING POINT: 200° (F)

MELT / FREEZE POINT: N/A

PH: 6.5 – 7.5

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 0.80

% NON-VOLATILE BY WEIGHT: 50-80

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

10. **REACTIVITY**

STABILITY: Stable under recommended storage conditions.

HAZARDOUS POLYMERIZATION: None under normal processing.

INCOMPATIBILITIES: Keep away from heat. Avoid strong oxidizing agents.

DECOMPOSITION PRODUCTS: Not determined.

11. **TOXICOLOGICAL INFORMATION**

ACUTE INHALATION: Slight mucus Membrane irritant

CHRONIC INHALATION: Not determined.

ACUTE SKIN CONTACT: Slight skin irritant

CHRONIC SKIN CONTACT: Prolonged or repeated exposure may excite dermatitis or eczema.

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

12. **ECOLOGICAL INFORMATION** There is no information available at this time. A major spill may produce significant toxicity to aquatic organisms and ecosystems. Some studies have shown certain bacteria and fungi have the ability to degrade terpenes decreasing their toxicity to fish.

13. **DISPOSAL CONSIDERATIONS**

RCRA HAZARDOUS WASTE: Not classified as a hazardous waste.

WASTE DISPOSAL METHOD: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

14. TRANSPORT INFORMATION

DOT INFORMATION: Not regulated as a hazardous material

PROPER SHIPPING NAME: Non Bulk Not Regulated

TECHNICAL SHIPPING NAME: None

HAZARD CLASS: Non Bulk None

UN NUMBER: None

PRODUCT RQ (lbs): None
LABEL:

PLACARD: Non Bulk None

FREIGHT CLASS BULK: None

FREIGHT CLASS PACKAGE: None

PRODUCT LABEL None

15. REGULATORY INFORMATION

TSCA STATUS: All ingredients are commercially available and listed by manufacturer. All ingredients are listed under TSCA.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III: Reportable for Section 313(Form R):

**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**

CANADIAN STATUS: All Materials contained in this product are listed on the Canadian Domestic Substances List.

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.

<u>COMPONENT/ CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
None		

16. OTHER INFORMATION

HMIS CLASSIFICATION	Health	1
	Flammability	1
	Reactivity	0
	PPI	B
NFPA RATING	Health	1
	Fire	1
	Reactivity	0
	Special	None
REASON FOR ISSUE	Technical Shipping Name Change	
PREPARED BY	Charles Bennett	
TITLE	CEO	
APPROVAL DATE	February 4, 2014	
SUPERCEDES DATE	March 1991	
REVISION NUMBER	1.4	

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