



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

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **ZYMÖL EDGE**

PRODUCT CODE **ZM-195**

CHEMICAL FAMILY Waxes and Polishes

CHEMICAL NAME Mixture: Waxes, Emulsifiers, Water, Additives.

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 %)
Carnauba Sap	8015-86-9	15-17

EXPOSURE LIMITS 8 hrs. TWA(ppm)

<u>OSHA PEL</u>	<u>ACGIH TLV</u>
n/av	n/av

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

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

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

SKIN CONTACT: Repeated or excessive contact can cause moderate irritation, de-fatting or dermatitis. No chronic effects known.

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

4. **FIRST AID MEASURES**

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

SKIN: Remove contaminated clothing. Wash effected areas thoroughly with soap and water. Launder clothing before re-use.

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

INGESTION: Rinse mouth. Never give anything orally to someone who is unconscious. Give several large classes of water to drink. If liquid is sucked into lungs, get prompt medical attention.

5. **FIRE FIGHTING MEASURES**

FLASH POINT: (Seta Flash Cl. Cup): >200°F (93°C) Explosive Limits: Lower: n/av Upper: n/av

EXTINGUISHING MEDIA: Water Spray, Alcohol Foam, Carbon Dioxide, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: None. See Sec. 8 for personal protection.

6. **ACCIDENTAL RELEASE MEASURES**

SPILL OR LEAK PROCEDURES: Take up large spills and put into closed container. Flush small spills (less than 1 gallon) to sewers. Floors may be slippery. See Section 8 for other protective measures.

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: Store in cool and ventilated places, but avoid freezing. Keep containers closed.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

SKIN PROTECTION REQUIREMENTS: Wear chemical resistant gloves and other clothing as needed to prevent exposure.

RESPIRATOR/VENTILATION PROTECTION REQUIREMENTS: Provide sufficient ventilation to avoid exposure levels above the established TLV.

INGESTION PROTECTION REQUIREMENTS: Avoid swallowing or sucking into lungs.

EXPOSURE LIMITS: Not established for product as whole.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: Opaque Liquid

COLOR: Very Light Beige

ODOR: Wood Essence

BOILING POINT: n/av

MELT / FREEZE POINT n/av

PH: 7.5

SOLUBILITY IN WATER: Dispersible

SPECIFIC GRAVITY: 1.082

% NON-VOLATILE BY WEIGHT: 84.0%

VAPOR PRESSURE: n/av

VAPOR DENSITY: n/av

10. **REACTIVITY**

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Does not occur.

INCOMPATIBILITIES: Strong oxidizers such as peroxides.

DECOMPOSITION PRODUCTS: When burned: CO₂, CO, Hydrocarbons.

11. **TOXICOLOGICAL INFORMATION**

ACUTE INHALATION: Can cause irritation, and nausea.

CHRONIC INHALATION: None known.

ACUTE SKIN CONTACT: Can cause irritation, de-fatting, or dermatitis.

CHRONIC SKIN CONTACT: None known.

ACUTE EYE CONTACT: Causes irritation

12. **ECOLOGICAL INFORMATION**

No data available.

13. **DISPOSAL CONSIDERATIONS**

RCRA HAZARDOUS WASTE: Is not a RCRA 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: None

UN NUMBER: None

PRODUCT RQ (lbs): n/ap

LABEL: Non Bulk None
Bulk None

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: Reportable for Section 313(Form R): None

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

CANADIAN STATUS: All materials contained in this product are listed on the Canadian Domestic Substances List. Consult Zymöl Enterprises Inc. regarding status of ingredients.

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/

CAS NUMBER

None

CONCENTRATION

STATE CODE

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

Change Technical Shipping Name

PREPARED BY

C.Bennett

TITLE

Technical Director,

APPROVAL DATE

R&D February 4, 2014

SUPERCEDES DATE

December 22, 2013

REVISION NUMBER

A - 1

This information is to the best of Zymöl Enterprises Inc.'s knowledge and belief, accurate and reliable. However, no representation, warranty, or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.