



zymöl enterprises, inc.
P.O. Box 469
North Branford, CT 06471

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Zymöl Royale Glaze
PRODUCT CODE	12001
CHEMICAL FAMILY	Mixture: Wax, Oils, Additives
CHEMICAL NAME	Automotive Wax
FORMULA	Mixture

MANUFACTURER

Zymöl Enterprises Inc.
P. O. Box 469
North Branford, CT 06471
Phone: 1-800-999-5563

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 %)
Terpenes	8028-48-6	20-50

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: Light or Dark Solid

ODOR: Carnauba 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: Strong acids and bases, Strong oxidizing compounds.

DECOMPOSITION PRODUCTS: Not determined.

11. **TOXICOLOGICAL INFORMATION**

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

CHRONIC INHALATION: Not determined.

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

CHRONIC SKIN CONTACT: Not determined.

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.

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

Flammability

Reactivity

PPI

NFPA RATING

Health

Fire

Reactivity

Special

REASON FOR ISSUE

Revised for ANSI format

PREPARED BY

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TITLE

CEO

APPROVAL DATE

June 20, 2008

SUPERCEDES DATE

September 2004

REVISION NUMBER

1.3

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.